

SERVICE MANUAL

AA-2D CHASSIS

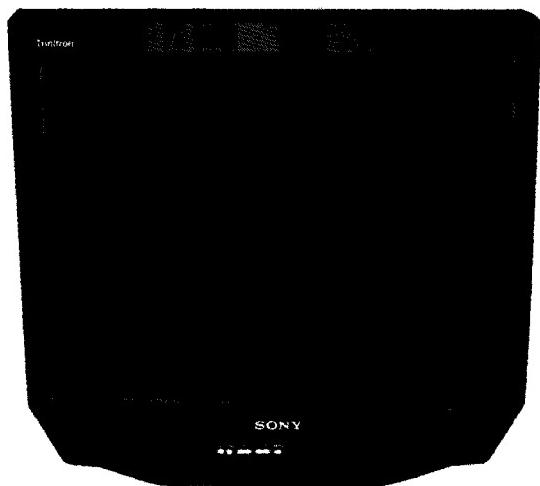
<u>MODEL</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>CHASSIS NO.</u>
KV-35S26	<i>RM-Y136A</i>	<i>US</i>	<i>SCC-J71Q-A</i>
KV-35S26	<i>RM-Y136A</i>	<i>CND</i>	<i>SCC-J73M-A</i>
KV-35S36	<i>RM-Y136A</i>	<i>US</i>	<i>SCC-K96M-A</i>
KV-35S36	<i>RM-Y136A</i>	<i>CND</i>	<i>SCC-K97J-A</i>
KV-37RS26	<i>RM-Y136A</i>	<i>E</i>	<i>SCC-K98H-A</i>

Note: Adjustment Manual for this model is published separately

	Adjustment Manual
Part No.	9-965-829-01



RM-Y136A



KV-35S36



996583001

TRINITRON® COLOR TV
SONY®

SPECIFICATIONS**For all models:**

Television system	American TV standard
Channel coverage	VHF : 2-13 UHF : 14-69 CATV : 1-125
Antenna	75Ω external antenna terminal for VHF / UHF
Picture tube	Hi-Black Trinitron® tube
Screen Size	35 inch (measured diagonally)
Power requirements	120V, 60Hz
Inputs/Outputs	Video (2): 1 Vp-p, 75Ω unbalanced, sync negative S Video (1): Y: 1 Vp-p, 75Ω unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75Ω Audio (2): 500 mVrms (100% modulation); Impedance: 47KΩ Audio out (1): More than 408 mVrms at the maximum volume setting (variable) More than 408mVrms (fixed); Impedance: 5KΩ
Speaker output (W)	5W x 2
Power consumption (W)	
When in use (Max.)	215W, 2.80A
In Standby	13W
Dimensions (W/H/D)	
(mm)	870 x 761 x 653 mm
(in.)	34 ^{1/4} x 30 x 25 ^{5/8} in.
Mass	
(kg)	83 kg
(lb)	182 lbs 9.6 oz
Supplied accessories	Remote commander RM-Y136 (w/ 2 size AA (R6) batteries)
Optional accessories	Connecting cables VMC-810S/820S, VMC-720M, YC-15V/30V, RK-74A TV Stand SU-35A U/V mixer EAC-66

(●)® SRS (SOUND RETRIEVAL SYSTEM)

The (●) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word "SRS" and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

SAFETY CHECK-OUT (US Model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.

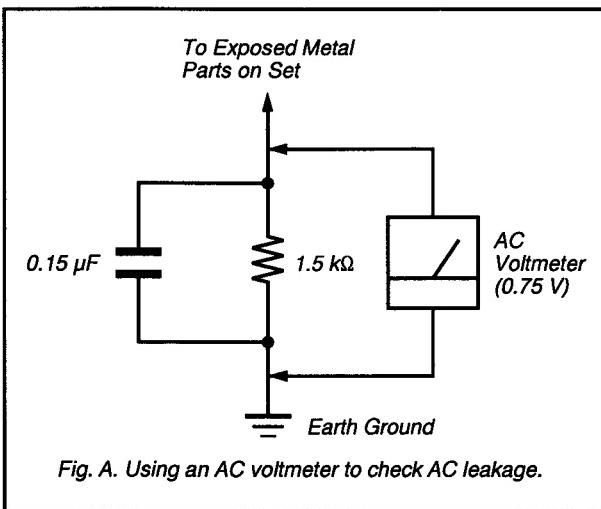


Fig. A. Using an AC voltmeter to check AC leakage.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

HOW TO FIND A GOOD EARTH GROUND

A cold-water pipe is guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth-ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60-100 watts trouble light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side of the line, the lamp should light at normal brilliance if the screw is at ground potential. (See Fig. B)

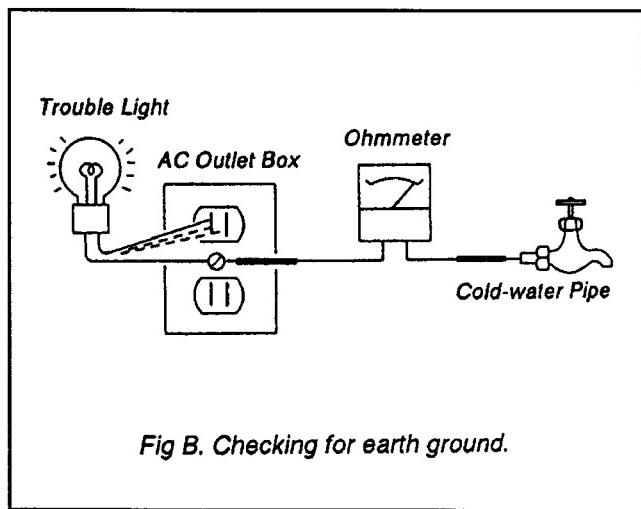


Fig. B. Checking for earth ground.

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CAUTION!

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINT SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.

THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHASSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISE LORS DE TOUT DEPANNAGE. LE CHASSIS DE CE RECEPTEUR EST DIRECTEMENT RACCORDE A L'ALIMENTATION SECTEUR.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK  ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE  SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES remplacer que par des composants SONY dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifiees dans le present manuel. suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

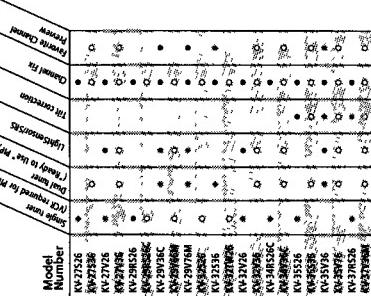
The instructions mentioned here are partial abstracts from the Operating Instruction Manual.
The page numbers shown reflect those of the Operating Instruction Manual.

SECTION 1 GENERAL

Welcome!

Thank you for purchasing the Sony Trinitron® Color TV. This manual is written for the models listed below. Before reading, check the model number on the rear of your TV.

Model KV-27S26 is used for illustration purposes. The scenes displayed are for model KV-35V26. Differences in operation features are indicated in the text, for example, "KV-27S26 only".



Cable or antenna

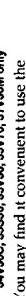
Most simple connection Connection is made directly from the cable or antenna to the TV



Cable and antenna

(No connection "TO CONVERTER" in this case)

You may find it convenient to use the following set up if your cable provider does not feature local channels that you are able to receive using an antenna



Cable box and cable

KV-27S26, 27V76S, 28V76M, 32S36, 32V36, 34V36C, 35S36, 35V76, 37V36M only

Some pay cable TV systems use scrambled or encoded signals that require a cable box* to view all channels



Select Cable or ANT mode by pressing ANT on the remote control

Using This Manual

This manual is divided into four major sections. We recommend that you carefully review the contents of each section in the order provided to ensure that you fully understand the operation of your new TV.

1 Connecting and installing the TV

This section will guide you through your initial set up. It will show you how to connect your new components, connect to any antenna or cable, and connect any accessories

2 Basic Set Up

This section will teach you the basic skills needed to operate your new TV. It will show you how to operate special functions of the remote control

3 Using your New TV

This section will show you how to begin using your new TV. It will show you how to use the AUTO SET UP feature, and how to use your remote control's features

4 Adjusting your Set Up (menus).

This section will teach you how to access on-screen menus and adjust your TV's settings

Instructions in this manual are written for the remote control. Similar controls may be found on the TV console

2

Connecting and Installing the TV

Connector Types

You may find it necessary to use some of the following connector types during set up

Coaxial Cable

Standard TV Cable and Antenna connector

Antenna

The connection you choose will depend on the connection found in your home. Newer homes will be equipped with standard coaxial cable (see A), older homes will probably have 300-ohm twin lead cable (see B), still other homes may contain both (see C)

Standard TV

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

Connecting and Installing the TV (continued)

For best picture quality, a cable TV system or outdoor antenna is recommended

Connecting directly to cable or an antenna

The connection you choose will depend on the connection found in your home. Newer homes will be equipped with standard coaxial cable (see A), older homes will probably have 300-ohm twin lead cable (see B), still other homes may contain both (see C)

Standard TV

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

Disconnect all power sources before making any connections

(Rear of TV)

Standard TV

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

2

Connecting an antenna/cable TV system with a VCR

1

Attach the coaxial connector from your cable or antenna to IN on your VCR

2

Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO IN on your VCR to AUDIO and VIDEO OUT on your TV (Yellow-VIDEO, White-AUDIO Left, Red-AUDIO Right)

3

Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV

4

Attaching the coaxial connector from your cable or antenna to IN on your VCR

5

Using an AUDIO/VIDEO connector, connect OUT on your VCR to VHF/UHF on your TV

If you are connecting a mechanical VCR, connect only the single audio output to the left input on your TV

Note on DVD Connection

For the best picture quality, connect the DVD player directly to the TV

Refer to your DVD manual for detailed connection information

For best picture quality, a cable TV system or outdoor antenna is recommended

Connecting directly to cable or an antenna

The connection you choose will depend on the connection found in your home. Newer homes will be equipped with standard coaxial cable (see A), older homes will probably have 300-ohm twin lead cable (see B), still other homes may contain both (see C)

Standard TV

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

Disconnect all power sources before making any connections

(Rear of TV)

Standard TV

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

2

S-Video

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

2

Component

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

2

DVD

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

VHF/UHF

UHF

2

STB

Antenna

300-ohm twin lead cable

75-ohm coaxial cable

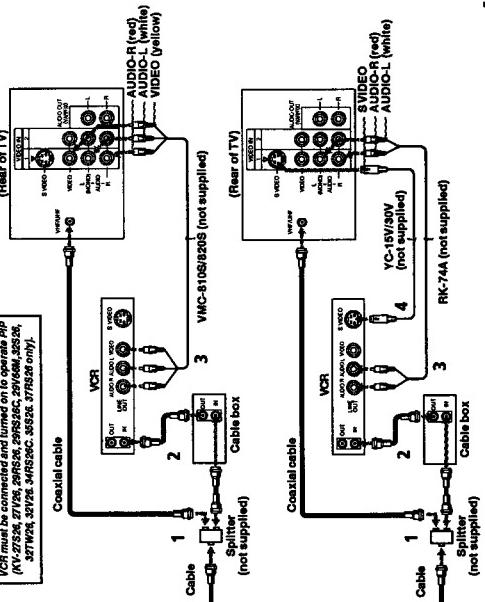
VHF/UHF

UHF

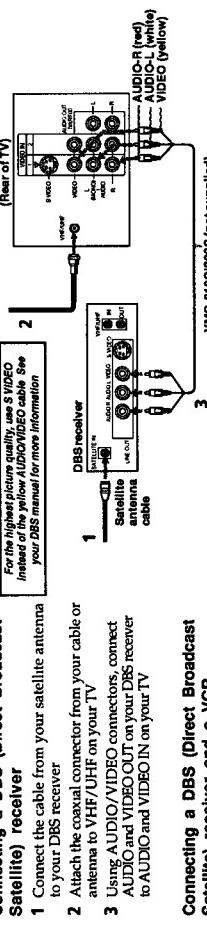
75-oh

■ Connecting and Installing the TV (continued)

Disconnect all power sources before making any connections



Disconnect all power sources before making any connections

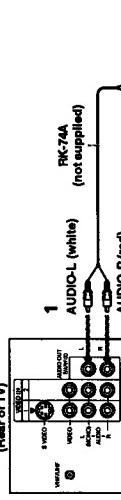


Connecting a DBS (Direct Broadcast Satellite) receiver and a VCR

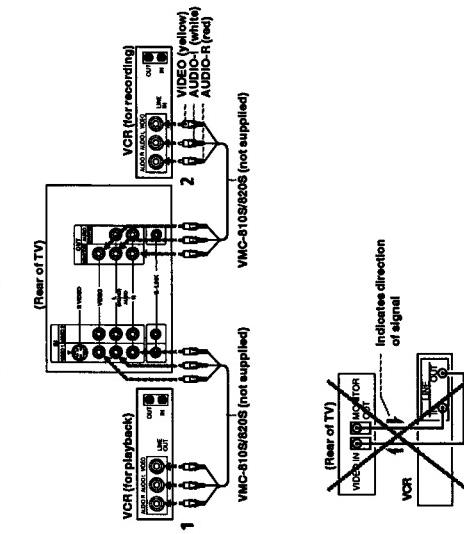
- 1 Connect the cable from your satellite antenna to your DBS receiver.
- 2 Attach the coaxial connector from your cable or antenna to VHF/UHF IN on your VCR.
- 3 Using a coaxial connector, connect VHF/UHF OUT on your VCR to VHF/UHF on your TV.
- 4 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your DBS receiver to AUDIO and VIDEO IN on your VCR.
- 5 Using AUDIO/VIDEO connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

- Notes:**
- To view input from the DBS or VCR, select VIDEO 1 by pressing TV/VIDEO on the remote control.
 - 6

Disconnect all power sources before making any connections

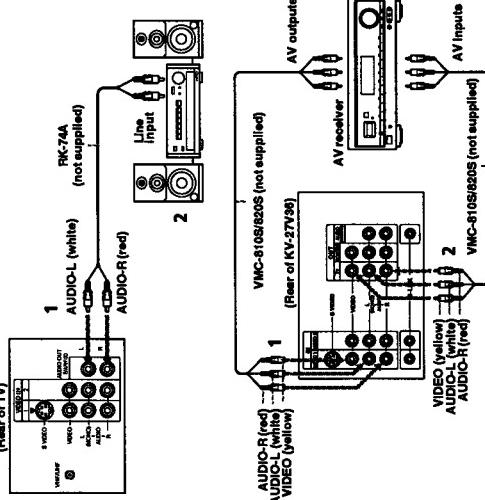


Disconnect all power sources before making any connections

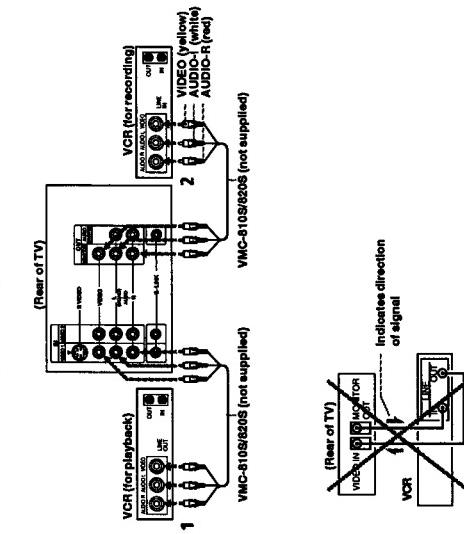


8

Disconnect all power sources before making any connections



Disconnect all power sources before making any connections



7

Connecting an audio system

For greater viewing pleasure, integrate your stereo into the system

- 1 Using AUDIO connectors, connect AUDIO OUT on your TV to one of the unused Line inputs (e.g. Tape-2, etc.) on your stereo (White-AUDIO Left, Red-AUDIO Right).
- 2 Set your stereo to the chosen Line input and refer to the chosen Line input for additional audio setup instructions.

Connecting an AV receiver

For greater viewing pleasure, connect your AV receiver

- 1 Using AUDIO/VIDEO connectors, connect VIDEO 1 IN on your TV to Monitor AUDIO and VIDEO OUT on your AV receiver.
- 2 Using AUDIO/VIDEO connectors, connect TV OUT on your TV to TV AUDIO and VIDEO IN on your AV receiver.

You may want to use CHANNEL FIX to fix your TV's input to the AV receiver (VIDEO 1). See CHANNEL FIX, page 22

Using your New TV

Setting up the TV automatically

The EASY SETUP/GUIDE feature will allow you to set the on-screen language and set all receivable channels. The EASY SETUP/GUIDE screen will appear every time you turn on the TV until you perform AUTO PROGRAM.

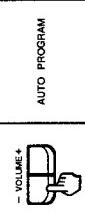
The EASY SETUP/GUIDE feature does not apply for installations that use a cable box or all channel selection.

To set up the TV manually, refer to "Using the SET UP menu," on page 22.

Tips

- Perform this function during the day with the antenna and/or cable properly connected to receive the available channels with no broadcasting interference.
- After using EASY SETUP/GUIDE, you will still have the option of changing any of the system settings like creating channels through the SET UP menu (page 22).
- The TV must be set to TV mode to execute AUTO PROGRAM. Press ANTI-AREA if a return appears.
- If your cable or antenna is connected to AUX, then number (KV-27V36, 27V36, 29V36C, 35V36, 35V36, 35V76, 37V36M) only.

Using the buttons on the front of the TV



Watching the TV

For KV-27V36, 29V36C, 29V76M, 32V26, 34V36C, 35V36, 35V76 and 37V26M, the control buttons are located on the top of the TV.

"AUTO PROGRAM" appears and the TV starts scanning and presetting channels automatically. When all the receivable channels are stored, the lowest numbered channel is displayed. If the TV receives cable TV channels, CABLE is set ON automatically.

To Perform AUTO SET UP again

- Press CHANNEL+ or CHANNEL- to select a language.
- Press Volume - to restore factory settings ("CONTINUE TO AUTO PROGRAM?" will appear on the screen. Press CH+ to execute or CH- to exit)
- Press SET UP to exit

- Note:**
- When you perform AUTO PROGRAM, your CHANNEL FIX, TIMER, and CHANNEL BLOCK settings will be erased.

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Using your New TV (continued)

Watching the TV

All of the TV features can be accessed via the remote control. The following chart will explain the function of the buttons found on your remote control.

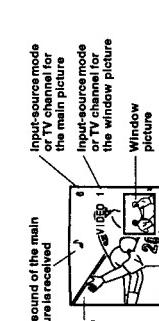
REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

AUTO PROGRAM		Activates the remote control for use with the TV
TV (FUNCTION)		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO
TV POWER		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears
①-⑨		Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0), or you can press ENTER for immediate selection
CH +/-		Press to scan through the channels (+ up or - down)
VOL +/-		Press to adjust the volume (+ up or - down)
JUMP		Press to alternate or "jump" back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys
MUTING		Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound
FREEZE		Press to freeze the window picture while in PIP mode. If you are not in PIP mode, press FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc

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Using your New TV (continued)

Watching two programs at one time — PIP



Input-source mode or TV channel for the main picture
Input-source mode or PIP channel for the window picture

REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

PIP		Press once to display the window picture (1/16 size) Press again to reduce the size of the window picture
TV/VIDEO		Press repeatedly to step through available inputs Press a third time to remove the window picture
AUDIO		Press repeatedly to step through available video inputs Press a third time to remove the window picture

15

CAPTION VISION



Some programs are broadcast with Caption Vision. To display Caption Vision, select CC1, CC2, CC3, CC4, TEXT1, TEXT2, or TEXT4 from the menu, then press DISPLAY until Caption Vision is displayed. CC1, CC2, CC3, or CC4 shows a caption, that is, a printed version of the dialogue or sound effects of a program. (The mode should be set to CC1 for most programs) TEXT1, TEXT2, TEXT3, or TEXT4 shows a text, that is, information presented using either half or the whole screen. It is not usually related to the program.

Notes:

- Poor reception of TV programs can cause errors in Caption Vision and XDS. Captions may appear with a white box or other errors instead of intended text.
- XDS, Caption Vision, and the status display cannot be used at the same time.

TV/VIDEO



Press repeatedly to step through available video inputs (KV-27V26, 27V26, 29V526, 32V526, 32V526, 34V526, 35V526, 37V526 only); make sure the following list of sample connections is complete before using PIP

- A cable or antenna is connected to the VCR • The VCR is connected to your TV
- The VCR is turned on (for detailed connection information, see page 3-5)
- TV, Video 1, Video 2, and Video 3 (KV-27V26, 27V26, 29V526, 32V526, 34V526, 35V526, 37V526 only)
- TV, Video 1, Video 2, and Video 3 (KV-27V26, 27V26, 29V526, 32V526, 34V526, 35V526, 37V526 only)
- Antenna • If you use one of the connections from page 4, your PIP input source is the VCR. If you use one of the connections from page 5, your PIP input source is a VCR or cable box
- Antenna • Press to alternate sound between the main picture and the window picture. A, B will appear for a few seconds to indicate which picture is receiving sound

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Using your New TV

Using the buttons on the front of the TV



Setting up the TV

For KV-27V36, 29V36C, 29V76M, 32V26, 34V36C, 35V36, 35V76 and 37V26M, the control buttons are located on the top of the TV.

"AUTO PROGRAM" appears and the TV starts scanning and presetting channels automatically. When all the receivable channels are stored, the lowest numbered channel is displayed. If the TV receives cable TV channels, CABLE is set ON automatically.

To Perform AUTO SET UP again

- Press CHANNEL+ or CHANNEL- to select a language.
- Press Volume - to restore factory settings ("CONTINUE TO AUTO PROGRAM?" will appear on the screen. Press CH+ to execute or CH- to exit)
- Press SET UP to exit

- Note:**
- When you perform AUTO PROGRAM, your CHANNEL FIX, TIMER, and CHANNEL BLOCK settings will be erased.

13

REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

AUTO PROGRAM		Activates the remote control for use with the TV
TV (FUNCTION)		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO
TV POWER		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears
①-⑨		Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0), or you can press ENTER for immediate selection
CH +/-		Press to scan through the channels (+ up or - down)
VOL +/-		Press to adjust the volume (+ up or - down)
JUMP		Press to alternate or "jump" back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys
MUTING		Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound
FREEZE		Press to freeze the window picture while in PIP mode. If you are not in PIP mode, press FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc

14

REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

AUTO PROGRAM		Activates the remote control for use with the TV
TV (FUNCTION)		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO
TV POWER		TURNS the TV on and off. If "VIDEO" appears on the screen, press TV/VIDEO or ANT so that a channel number appears
①-⑨		Use for direct channel selection. Press 0-9 to select a channel (for example, to select channel 10, press 1 and 0), or you can press ENTER for immediate selection
CH +/-		Press to scan through the channels (+ up or - down)
VOL +/-		Press to adjust the volume (+ up or - down)
JUMP		Press to alternate or "jump" back and forth between two channels. You can only jump between the last two channels that have been selected with the 0-9 keys
MUTING		Press to mute the sound ("MUTING" will appear on the screen). Press again or press VOL + to restore sound
FREEZE		Press to freeze the window picture while in PIP mode. If you are not in PIP mode, press FREEZE will cause the main picture to freeze into a window picture. Great for copying down phone numbers, addresses, recipes, etc

14

REFER TO THE ILLUSTRATION ON THE INSIDE FRONT COVER OF THIS MANUAL AS YOU REVIEW THIS CHART

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AUTO PROGRAM		Activates the remote control for use with the TV

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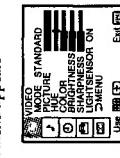
Use the Yellow Labeled Buttons for PIP Operations.

T/VTR + CH	Press to change the TV channel in the window picture (+ to increase the channel number and - to decrease). For models KV-27S26, 27V26, 29RS26, 32RS26, 32V68M, 32V76M, 34RS26, and 37RS26, if you are watching the video input in the window picture, you must press VTR (FUNCTION), then use the main CH +/- buttons to change channels.
POSITION	Press to move the location of the window picture (counterclockwise) around the main picture.
FREEZE	Press to freeze the window picture. Great for copying down phone numbers, addresses, recipes, etc. If a window picture is displayed, then it will be frozen. If only the main picture is displayed, then it will be frozen and displayed as a window picture. Press FREEZE again to restore the previous screen(s).
SWAP	Press to switch the audio and video of the main picture and the window picture. Each time you press SWAP, the picture and sound of the two will be SWAPPED. The channels being received through the AUX jack cannot be displayed as a window picture (KV-27S26, 27V36, 29V36C, 29V76M, 32S26, 32V36, 34V36C, 35S26, 35V76, 37S26, 37V36M only).

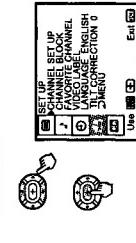
Learning menu selection

Use the MENU button to access a menu and use the Select buttons to alter settings. Use the following example to learn how to modify settings:

- 1 Press the MENU button



- 2 Press the select buttons (◀ or ▶) to highlight the desired menu and press to activate it



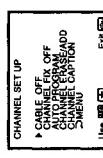
18

■ Adjusting your SET UP (menus)

- 3 Press the select buttons (◀ or ▶) to select the desired option



- 4 Press Options for your selection will be displayed



Note:

- Pressing MENU on the remote control will allow you to exit from the menus

- 5 Make your selection and press to activate it

The previous screen will reappear



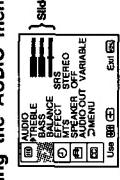
- When you are done with changes to the selected menu, choose MENU to return to the main menu. Once you have completed all menu corrections, press MENU on the remote control to exit the menu screens

Note:

- Pressing MENU on the remote control will allow you to exit from the menus

■ Adjusting your SET UP (menus) (continued)

Using the AUDIO menu



For detailed information on using the remote menu selection, refer to "Learning menu selection" on page 18.

To select the AUDIO menu:



To restore the factory settings
Press RESET on the remote control while the AUDIO menu is displayed.
Tip: Press for direct selection of an EFFECT setting

- AUDIO OUT can only be set when speakers are set to OFF

Sound output varies according to the TV settings

VOLUME, BASS, TREBLE, and BALANCE are adjusted through the TV. If used when you want to use your remote to control the output of a separate audio system

FIXED Sound output is held at a fixed level. VOLUME, BASS, TREBLE, and BALANCE are fixed to the factory settings. Volume adjustments are made through your stereo

20

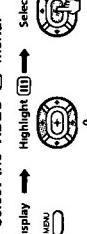
19

Using the VIDEO menu



For detailed information on using the remote menu selection, refer to "Learning menu selection" on page 18.

To select the VIDEO menu:



To restore the factory settings
Press RESET on the remote control while the VIDEO menu is displayed.
Tip: Press for direct selection of an EFFECT setting

- AUDIO OUT can only be set when speakers are set to OFF

Sound output varies according to the TV settings

VOLUME, BASS, TREBLE, and BALANCE are adjusted through the TV. If used when you want to use your remote to control the output of a separate audio system

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Adjusting your SET UP (menus) (continued)

Using the TIMER menu



DAYLIGHT SAVING
Automatically adjusts the time.

Spring Select YES to compensate for Daylight Saving Time

The current time automatically moves one hour ahead

Fall Select NO at the end of Daylight Saving Time

The current time moves back one hour

After setting the clock you can use the timer to turn the TV on and off

For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

To select the TIMER menu:
Display

Tip: Set daylight saving time before setting the clock. Any loss of power will cause these settings to be erased.

21

Using the SET UP menu



For detailed information on using the remote to modify menu settings, refer to "Learning menu selection" on page 18

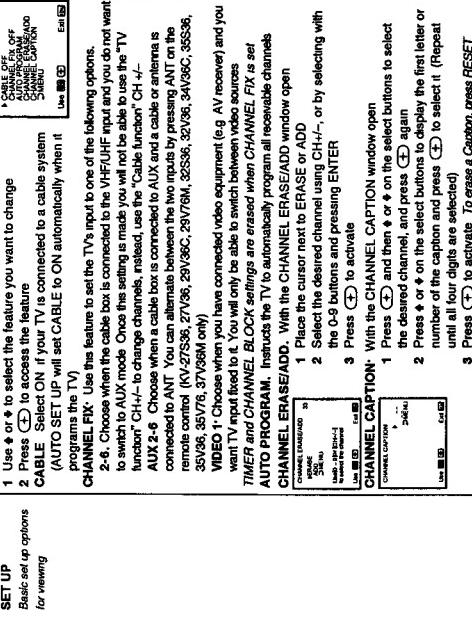
To select the SET UP menu:
Display

If any menu items are "grayed out", press the ANT button on your remote so that a channel number appears

Favorite channel feature is not available for the AUX input

22

Adjusting your SET UP (menus) (continued)



With the CHANNEL SET UP window open
Press < or > to select the feature you want to change

2. Press to access the feature

CABLE Select ON if your TV is connected to a cable system (AUTO SET will set CABLE to ON automatically when it programs the TV)

CHANNEL FIX: Use this feature to set the TV's input to one of the following options:

1 Use < or > to select the feature you want to change

2. Press to access the feature

CABLE Select ON if your TV is connected to a cable system (AUTO SET will set CABLE to ON automatically when it programs the TV)

3. Press to access the feature

PROGRAM: Use this feature to set the TV to automatically program all receivable channels

1 Place the cursor next to ERASE/AUTO or ADD

2 Select the desired channel using CH+/-, or by selecting with the 0-9 buttons and pressing ENTER

3 Press to activate

CHANNEL ERASE/AUTO: With the CHANNEL ERASE/AUTO window open

1 Press and then < or > on the select buttons to select the desired channel, and press again

2 Press < or > on the select buttons to display the first letter or number of the caption and press to select it. Repeat until all four digits are selected

3 Press to activate To erase a caption, press

With the CHANNEL CAPTION window open

1 Press and then < or > on the select buttons to select the desired channel, and press again

2 Press < or > on the select buttons to display the first letter or number of the caption and press to select it. Repeat until all four digits are selected

3 Press to activate To erase a caption, press

Operating video equipment

Setting the manufacturer's code

You can use the supplied remote control to operate Sony or non-Sony video equipment that has an infrared sensor

1 Press CODE SET

2 Press VTR (FUNCTION)

3 Use the 0-9 buttons to key in the manufacturer's code number from the following chart

4 Press ENTER

VCR manufacturer code numbers

Manufacturer Code

Singer 341, 312, 309

Samsung 314, 336, 337

Sanyo 319, 320, 316, 317, 318, 341

Scott 330, 334, 335, 333

Sharp 312, 313, 321, 335, 323, 324, 330, 335

Shuttle 327, 328

Signature 2000 (M Wards) 308, 309, 338

Sylvania 332

Symphonic 306, 304, 305, 308

Suzuki 305, 306, 308

Tashiro 314, 336, 337

Tatung 314, 336, 338

Technics 314, 336, 337

LX (Sears) 308, 309, 310

Magnavox 327, 328, 335, 331

Marantz 312, 311

XR-1000 315

Yamaha 330, 335

Mintron 305, 304

Nitsubishi/MG/MGA 323, 324, 325, 326

Multitech 325, 328, 329

NEC 314, 336, 337

Olympus 309, 308

Panasonic 327

Pentax 308, 309, 310

Philco 305, 306

Kenwood 308, 309

Meinavox 310, 311

Marantz 308, 309

RCA/PROSCAN 332

Realistic 304, 305, 306, 307

Sansui 312, 313, 314, 315, 316, 329

Matsushita 309, 310, 311

Philips 309, 310, 311

Zenith 312, 313, 314, 315, 316, 329

MDP manufacturer code numbers

Manufacturer Code

Sony 301, 302, 303

Admiral (M Wards) 338, 344

Audio Dynamic 327

Brokstone 310, 313

Canon 319, 317

Brookstone 308, 309

Citizen 315, 302, 332

Craig 315, 316, 317

Citizen 315, 316, 317

Chieftain 304, 305, 306, 307

Curtis Maths 304, 305, 306, 307

Eastman 312, 313, 314, 315, 316, 329

Kenwood 308, 309

Meinavox 310, 311

Marantz 308, 309

Mitsubishi 308, 309

Parasonic 304, 305, 306, 307

Philips 308, 309

Realistic 309, 310

Sansui 309, 310

Philips 309, 310

Zenith 312, 313, 314, 315, 316, 329

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Philips 309, 310

■■■ Operating a cable box or DBS receiver

Operating a VCR		Buttons on the remote control		Buttons on the remote control		Programming the remote		If the remote control doesn't work									
To turn on or off	Press VTR (POWER)	To turn on or off	Press VTR (POWER)	To play	Press ▶	To play	Press ▶	<ul style="list-style-type: none"> First, try repeating the setup procedures using the other codes listed for your equipment 									
To select a channel directly	Press the 0-9 buttons	To stop	Press ■	To stop	Press ■	To pause	Press ■	<p>Tips</p> <ul style="list-style-type: none"> If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment. If you enter a new codenumber, the codenumber you previously entered at that setting is erased. In some rare cases, you may not be able to operate your equipment with the supplied remote control. In this case, use the equipment's own remote control unit. 									
To change channels directly	Press CH +/-	To pause	Press ■	To resume normal playback, press again	Press ■	To search the picture forward or backward	Press ▶▶ or ▶◀	<ul style="list-style-type: none"> Whenever you remove the batteries—to replace them, for example—if too much time is taken, the codenumber may revert to factory settings and must be reset. 									
To record	Press ■	Press ■ while pressing ▶	Release ▶, then release ■	Keep pressing ▶▶ or ▶◀ during playback	Press ■	To play	Press ▶	<p>To operate the TV</p> <p>Press TV (FUNCTION) Then use the TV control buttons to control the TV</p>									
To play	Press ■	First release ▶, then release ■	Release ■	To resume normal playback, press again	Press ■	To stop	Press ■	<p>For more details on operating the cable box or DBS receiver</p> <p>Refer to the operating instructions that come with the component</p>									
To fast forward	Press ■	Press ■	Press ■	To resume normal playback, press again	Press ■	To fast forward	Press ■	<p>Manufacturer code numbers (cable box)</p> <table border="1"> <thead> <tr> <th>Manufacturer</th> <th>Code number</th> </tr> </thead> <tbody> <tr> <td>Hamilton/Regal</td> <td>222, 223, 224, 225, 226</td> </tr> <tr> <td>Jerrold/G-1</td> <td>201, 202, 203, 204, 205, 206</td> </tr> <tr> <td>207, 208, 218</td> <td></td> </tr> </tbody> </table>		Manufacturer	Code number	Hamilton/Regal	222, 223, 224, 225, 226	Jerrold/G-1	201, 202, 203, 204, 205, 206	207, 208, 218	
Manufacturer	Code number																
Hamilton/Regal	222, 223, 224, 225, 226																
Jerrold/G-1	201, 202, 203, 204, 205, 206																
207, 208, 218																	
To rewind the tape	Press ■	Press ■	Press ■	To resume normal playback, press again	Press ■	To pause	Press ■	<p>Manufacturer code numbers (DBS receiver)</p> <table border="1"> <thead> <tr> <th>Manufacturer</th> <th>Code number</th> </tr> </thead> <tbody> <tr> <td>Sony</td> <td>801 (preset code for remote control)</td> </tr> <tr> <td>General Electric</td> <td>802</td> </tr> <tr> <td>RCA/PROSCAN</td> <td>802</td> </tr> </tbody> </table>		Manufacturer	Code number	Sony	801 (preset code for remote control)	General Electric	802	RCA/PROSCAN	802
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General Electric	802																
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To pause	Press ■	Release ■	Release ■	Release the button	Press ■	To search the picture forward or backward	Press ▶▶ or ▶◀	<p>Manufacturer code numbers (TV)</p> <table border="1"> <thead> <tr> <th>Manufacturer</th> <th>Code number</th> </tr> </thead> <tbody> <tr> <td>Sony</td> <td>801 (preset code for remote control)</td> </tr> <tr> <td>General Electric</td> <td>802</td> </tr> <tr> <td>RCA/PROSCAN</td> <td>802</td> </tr> </tbody> </table>		Manufacturer	Code number	Sony	801 (preset code for remote control)	General Electric	802	RCA/PROSCAN	802
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Troubleshooting

• 20 •

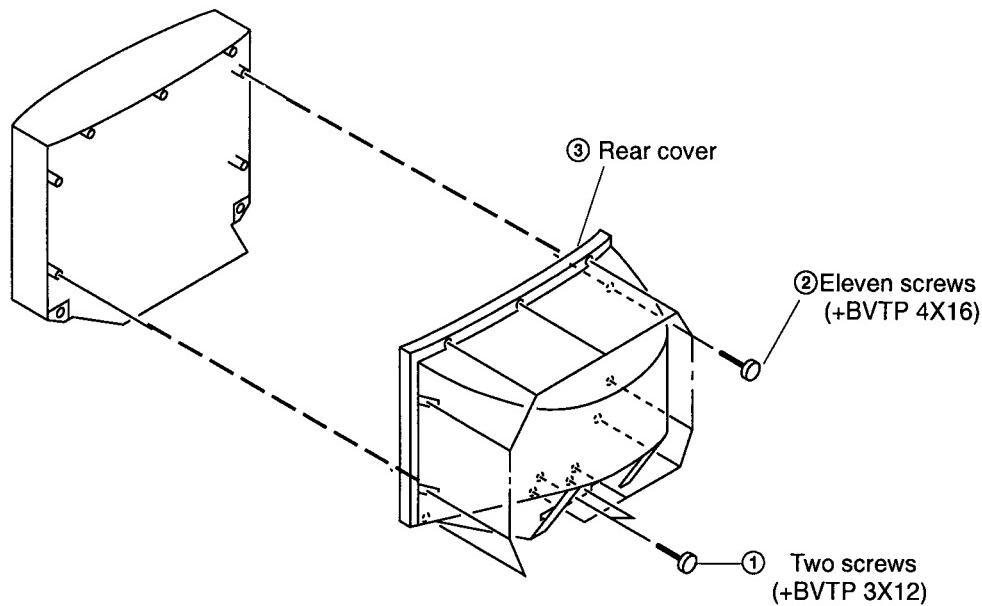
- | | |
|---|--|
| Troubleshooting | Poor or no picture (screen lit), good sound |
| | - Adjust PICTURE in the VIDEO menu.
(page 19) |
| | - Adjust BRIGHTNESS in the VIDEO menu
(page 19) |
| | - Check antennicable connections. |
| | - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13) |
| | - Remove objects from in front of TV |
| | - Check the LIGHTSENSOR setting in the VIDEO menu (page 19) |
| | Good picture, no sound |
| | - Press MUTE so that "MUTING" disappears from the screen (page 14) |
| | - Check the MTS setting in the AUDIO menu (page 20) |
| | - Make sure SPEAKER is set to ON in the AUDIO menu (page 20) |
| | - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13) |
| | No color |
| | - Adjust the COLOR in the VIDEO menu.
(page 19) |
| Cannot Operate Single-Tuner PIP (KV-27FS26, KV-27FS26, 28FS26C, 28VFS26, 32SVS26, 32VS26, 32VS26W) | Cannot Operate |
| | - Check that cable is connected to the VCR, and the VCR is turned on |
| | - Check that the VCR is connected to the TV |
| | No picture (screen not lit), no sound |
| | - Make sure the power cord is plugged in |
| | - Operate with the buttons on the TV and the remote control |
| | - Insert the batteries in the remote control with the correct polarity |
| | - Replace the batteries with new ones if they are weak. |
| | - Check to see if the TV/VIDEO setting is correct: when watching TV, set to "TV" and when watching video tapes, set to "VIDEO1, 2, or 3" |
| | - Try another channel It could be station trouble. |
| | - Perform AUTO SET UP again using the SET UP button to return to the factory preset condition (page 13) |

■ Troubleshooting (continued)

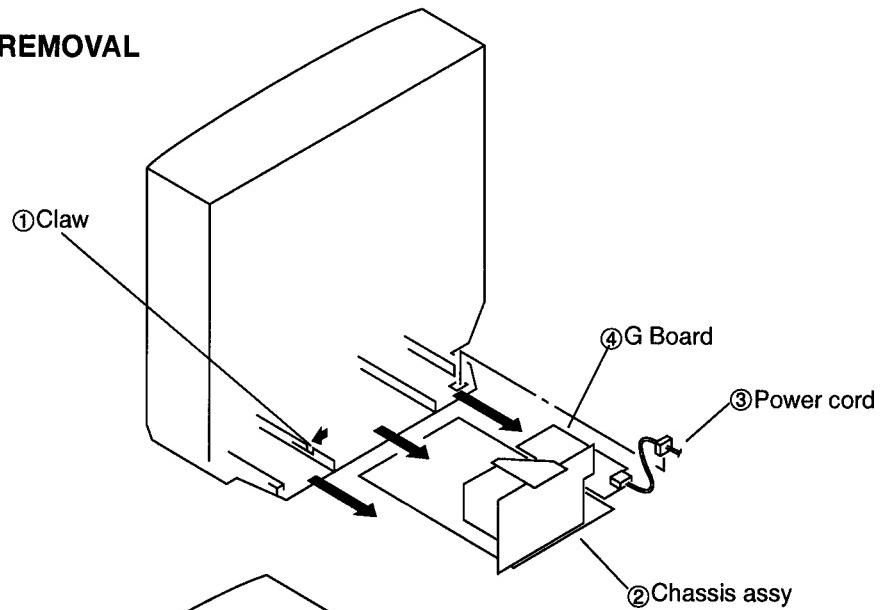
- | | |
|--|---|
| Cannot gain enough volume when using a cable box | • Increase the volume at the cable box
Then press TV (FUNCTION) and adjust the TV's volume |
| TV is fixed to one channel | • Try turning CHANNEL FIX off (see page 22) |
| Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22) | • Use AUTO PROGRAM to add receivable channels that are not presently in the TV memory (page 22) |
| Cannot receive any channels when using a cable TV | • Use AUTO PROGRAM to add receivable channels that are not presently in TV memory (page 22) |
| Remote control does not operate | • Batteries could be weak Replace the batteries. |
| Press TV (FUNCTION) when operating your TV | • Make sure the TV's power cord is connected securely to the wall outlet.
Locate the TV at least 3-4 feet away from fluorescent lights |
| TV malfunctions when using the S-Link function (KV-3700A, 2700A, 2400A, 2570A, 3200A, 3400A, 3500A, 3700A only) | • Make sure the TV's power cord is connected securely to the wall outlet.
Check the S-Link connection (page 4.5) |
| Check the S-Link connection (page 4.5) | |

SECTION 2 DISASSEMBLY

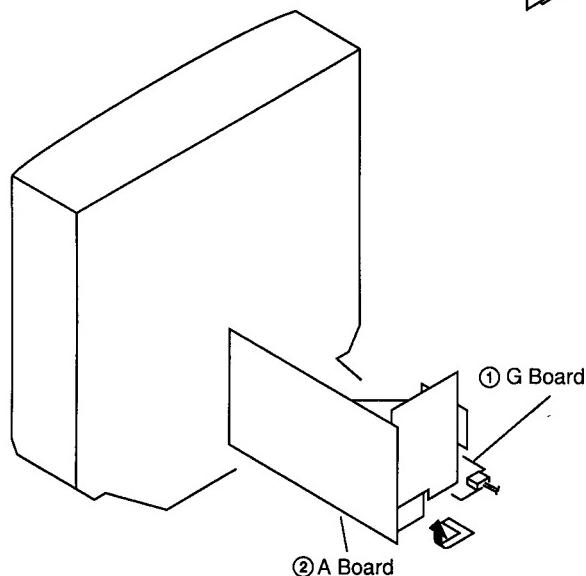
2-1. REAR COVER REMOVAL



2-2. CHASSIS ASSEMBLY REMOVAL



2-3. SERVICE POSITION

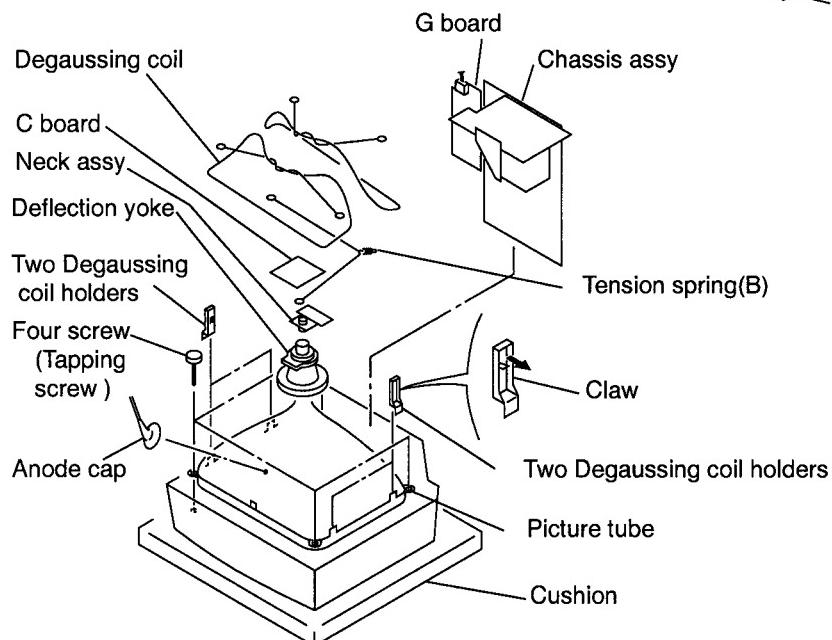
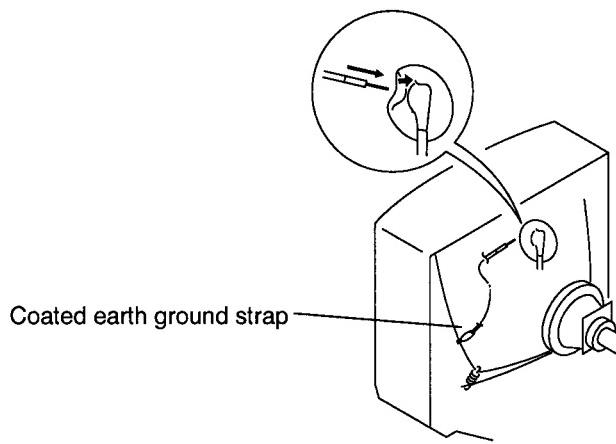


2-4. PICTURE TUBE REMOVAL

WARNING before removing anode cap:

H.V. remains in the CRT even after the power is disconnected.

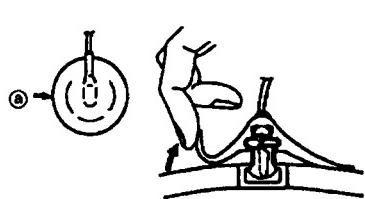
To avoid electrical shock, remove the anode cap before attempting to discharge CRT: Short between anode and CRT coated earth ground strap.



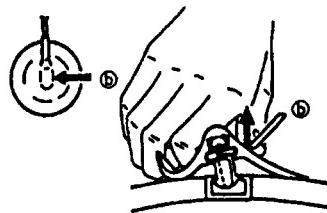
• REMOVAL OF THE ANODE-CAP

NOTE. Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

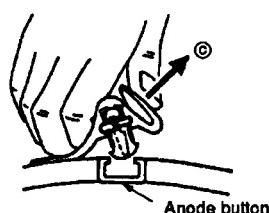
• REMOVAL PROCEDURES



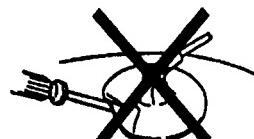
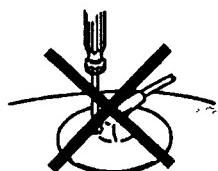
- ① Turn up one side of the rubber cap in the direction indicated by arrow ④.



- ② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ⑤.



- ③ When one side of the rubber cap separates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow ⑥.



• HOW TO HANDLE AN ANODE-CAP

Do not use sharp objects which may cause damage to the surface of the anode-cap.

Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.

Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.

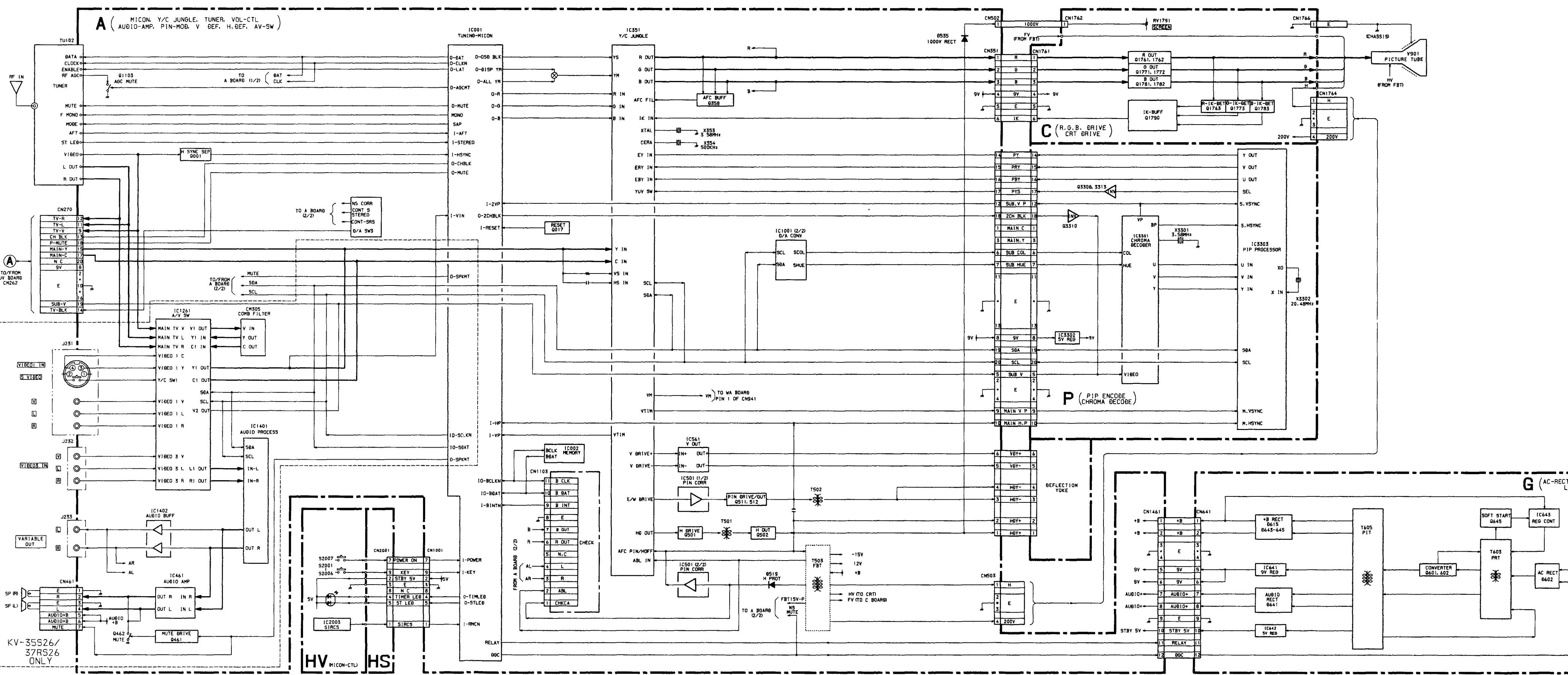
SECTION 3

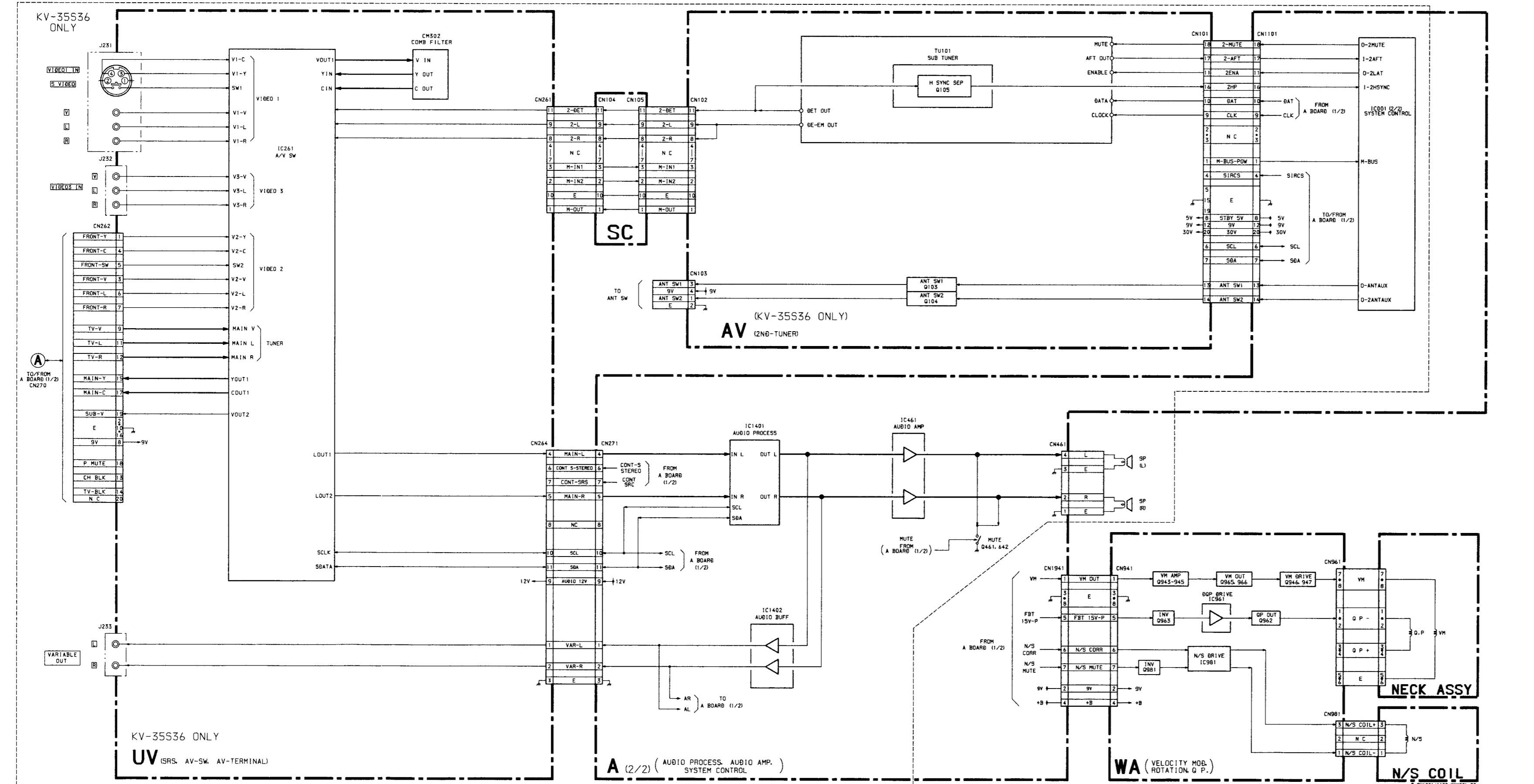
SAFETY RELATED ADJUSTMENTS

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
RESISTOR CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS				A BOARD - CONDUCTOR SIDE - digital multimeter
The following adjustments should always be performed when replacing the components marked with █ on the A and G Board schematic diagrams. (Hold-down operation confirmation)	█ marked parts A Board IC351,IC501 D519,D520,D521, C531,C532,R387, R529,R530,R531 R532,R533,R550,T503 G Board IC643,R661	█ R530,531		
Step 1 Preparation before confirmation: a) Turn the POWER switch ON, input a white signal and set the PICTURE and BRIGHTNESS controls to maximum. b) Confirm that the voltage at the check terminal of TP85 is more than 18.0 VDC when the set is operating normally. $(120 \pm 2.0 \text{ VAC})$	White Picture Digital multimeter	TP85 (H. PROT) PICTURE BRIGHTNESSmaximum }		[Check Condition]Step 2 2160±100 μA 120 $^{+2.0}_{-0}$ VAC (Power Supply)
Step 2 Input a white signal and verify that IABL is within the specified range.	White Picture			[Check Condition]Step 2 lower than 22.05 V DC 120 $^{+2.0}_{-0}$ VAC (Power Supply)
Step 3 Record the voltage between TP85 and ground.				[Check Condition]Step 5 more than 18.0V DC 120 $^{+2.0}_{-0}$ VAC (Power Supply)
Step 4 Using an external DC power supply, apply voltage between TP 85 and ground. Increase the voltage gradually and confirm that the hold-down works (raster disappears) at lower than the voltage recorded in Step 3.				
Step 5 Confirm that a voltage of more than 18.0 VDC appears between TP85 and ground.	White Picture			

ADJUSTMENT ITEM AND PROCEDURE	EQUIPMENT AND SIGNAL	MEASUREMENT POSITION	ADJUSTMENT LOCATION	ILLUSTRATION AND SHAPE AND NUMBER
B+ VOLTAGE CONFIRMATION The following adjustments should always be performed when replacing the components marked with <input checked="" type="checkbox"/> on the schematic.	1) Supply AC Voltage with a variable auto-transformer. 2) Input an entirely monoscope signal. 3) Set the PICTURE control and the BRIGHTNESS control to initial reset value. 4) Confirm the voltage of the G board CN641 between pin 1 to ground is less than 136.5 VDC. 5) If step 4) is not satisfied, replace the R661 and repeat above steps.	Variable auto-transformer Monoscope	G-Board IC643, R661	130 $\pm 2\%$ V AC PICTURE, BRIGHTNESSinitial reset G Board CN641 Pin 1 - ground

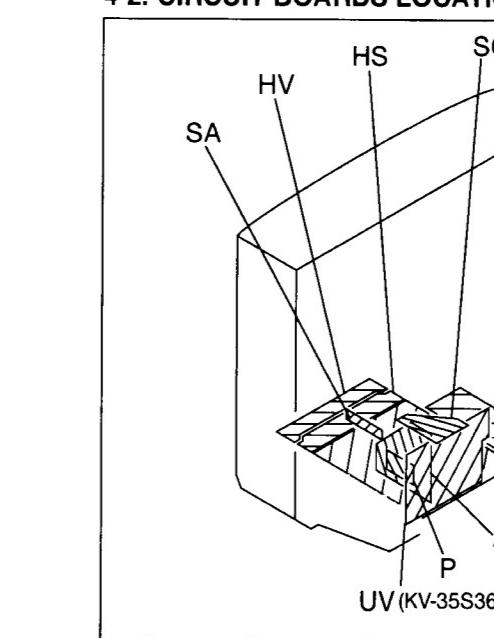
NOTES:

**SECTION 4
DIAGRAMS**
4-1. BLOCK DIAGRAM




SECTION 4 DIAGRAMS

4-2. CIRCUIT BOARDS LOCATION



- Readings are taken with a color-bar signal input
- Readings are taken with a 10MΩ digital multimeter
- Voltages are DC with respect to ground unless otherwise noted
- Voltage variations may be noted due to normal production tolerances
- All voltages are in V
- S Measurement impossibility
- V B+line
- V B-line
- (Actual measured value may be different)
- signal path (RF)
- Circled numbers are waveform references

Reference information

RESISTOR	RN METAL FILM
	RC SOLID
	FPRD NONFLAMMABLE CARBON
	FUSE NONFLAMMABLE FUSIBLE
	RW NONFLAMMABLE WIREWOUND
	RS NONFLAMMABLE METAL OXIDE
	RB NONFLAMMABLE CEMENT
COIL	ADJUSTMENT RESISTOR
	LF-8L MICRO INDUCTOR
CAPACITOR	TA TANTALUM
	PS STYROL
	PP POLYPROPYLENE
	PT MYLAR
	: MPS METALIZED POLYESTER
	MPP METALIZED POLYPROPYLENE
	ALB BIPOLEAR
	ALT HIGH TEMPERATURE
	ALR HIGH RIPPLE

4-3. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

Note

- All capacitors are in μF unless otherwise noted. μF 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms
- $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch 5mm

Rating electrical power $1/4\text{W}$

- $1/4\text{W}$ in resistance, $1/10\text{W}$ and $1/5\text{W}$ in chip resistance

•

nonflammable resistor

•

fusible resistor

• Δ internal component

•

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.

Should replacement be required, replace only with the value originally used.

- When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.

(Refer to R530 and R531 adjustment on Page 14 – 15)

- When replacing the part in below table, be sure to perform the related adjustment.

Part replaced(Adjustment(
IC351,IC501,D519,D520,D521	R530,R531
C531,C532,R387,R529,R530,R531, R532,R333,R550,T503.....A BOARD	
IC643,R661.....G BOARD	

The symbol display is on the component side.
The components identified by shading and mark are critical for safety. Replace only with part number specified.
The symbol indicate fast operating fuse.
Replace only with fuse of same rating as marked.

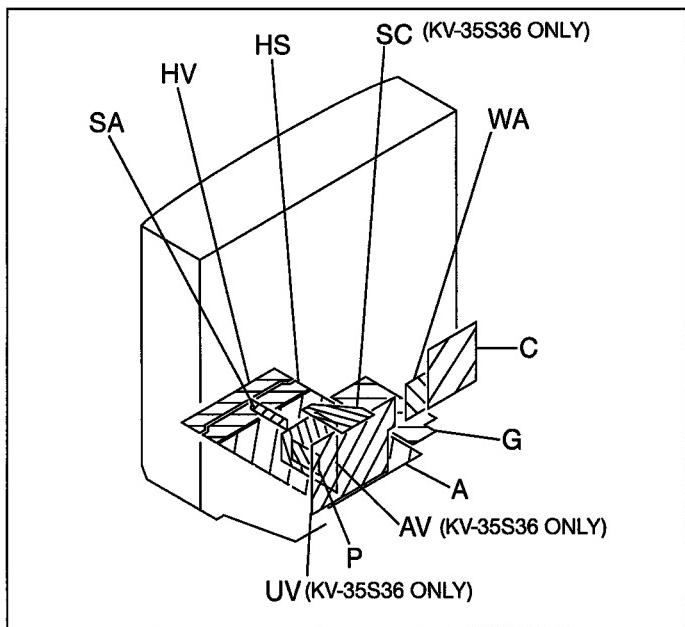
Note
Les composants identifiés par un trame et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible à action rapide. Doit être remplacée par une fusible de même valeur, comme maque.

SECTION 4

DIAGRAMS

4-2. CIRCUIT BOARDS LOCATION



- Readings are taken with a color-bar signal input.
- Readings are taken with a $10M\Omega$ digital multimeter.
- Voltages are DC with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- S : Measurement impossibility.
- — : B+line.
- - - - : B-line.
(Actual measured value may be different).
- : signal path. (RF)
- Circled numbers are waveform references.

Reference information

RESISTOR	: RN METAL FILM
	: RC SOLID
	: FPRD NONFLAMMABLE CARBON
	: FUSE NONFLAMMABLE FUSIBLE
	: RW NONFLAMMABLE WIREWOUND
	: RS NONFLAMMABLE METAL OXIDE
	: RB NONFLAMMABLE CEMENT
	: ADJUSTMENT RESISTOR
COIL	: LF-8L MICRO INDUCTOR
CAPACITOR	: TA TANTALUM
	: PS STYROL
	: PP POLYPROPYLENE
	: PT MYLAR
	: MPS METALIZED POLYESTER
	: MPP METALIZED POLYPROPYLENE
	: ALB BIPOLAR
	: ALT HIGH TEMPERATURE
	: ALR HIGH RIPPLE

4-3. PRINTED WRING BOARDS AND SCHEMATIC DIAGRAMS

Note:

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
- $k\Omega=1000\Omega$, $M\Omega=1000k\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Rating electrical power : $1/4$ W

- $1/4$ W in resistance, $1/10$ W and $1/8$ W in chip resistance.
 - : nonflammable resistor.
 - . fusible resistor.
 - Δ : internal component.
 - : panel designation and adjustment for repair.
 - All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
 - The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
 - When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by and repeat the adjustment until the specified value is achieved.
- (Refer to R530 and R531 adjustment on Page 14 – 15.)
- When replacing the part in below table, be sure to perform the related adjustment.

Part replaced()	Adjustment()
IC351, IC501, D519, D520, D521	R530, R531
C531, C532, R387, R529, R530, R531, R532, R333R550, T503.....A BOARD	
IC643, R661.....G BOARD	

Note:

The symbol display is on the component side.

The components identified by shading and mark are critical for safety. Replace only with part number specified.

The symbol indicate fast operating fuse.

Replace only with fuse of same rating as marked.

Note:

Les composants identifiés per un tramé et une marque sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Le symbole indique une fusible a action rapide. Doit être remplacée par une fusible de même valeur, comme maqué.

P BOARD IC VOLTAGE LIST

	pin	volt		pin	volt		pin	volt
IC3301	1	GND	IC3302	20	3.0	IC3303	13	NC
	2	NC		21	3.0		14	-3.0
	3	GND		22	4.7		15	GND
	4	4.0		23	GND		16	GND
	5	6.8		24	2.9		17	0.7
	6	GND		IN	9.1		18	0.5
	7	0.2		OUT	5.3		19	0.2
	8	0		1	GND		20	0.3
	9	1.8		2	3.2		21	5.1
	10	0.3		3	2.6		22	5.2
	11	8.2		4	2.3		23	NC
	12	8.2		5	5.1		24	NC
	13	3.9		6	GND		25	GND
	14	3.4		7	0.5		26	NC
	15	0		8	0		27	GND
	16	2.8		9	0.6		28	2.3
	17	NC		10	5.2		29	5.2
	18	2.5		11	2.1		30	2.6
	19	3.5		12	0.3		31	4.2
							32	2.5

All voltages are in V

P BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q3301	5.3	9.1	4.7
Q3305	0.5	GND	1.2
Q3306	0.8	GND	1.4
Q3307	0.6	GND	1.3
Q3308	0	GND	2.8
Q3310	0	5.2	GND
Q3312	0	0	0.8
Q3313	0.8	0.4	GND

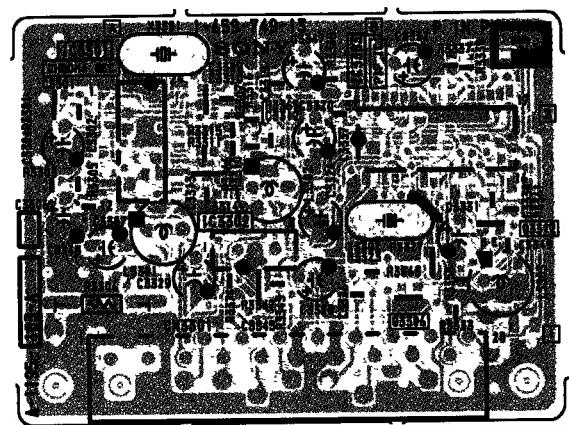
All voltages are in V



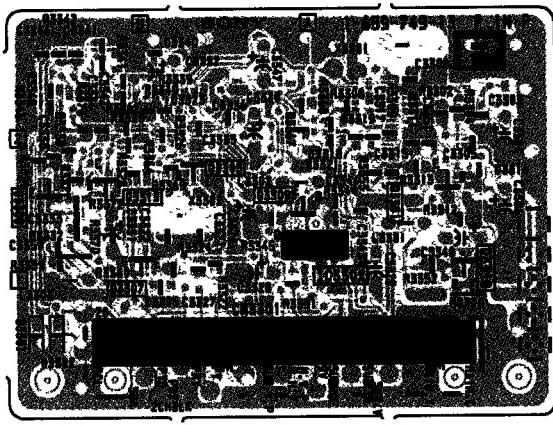
[P in P]

— P BOARD —

< COMPONENT SIDE >

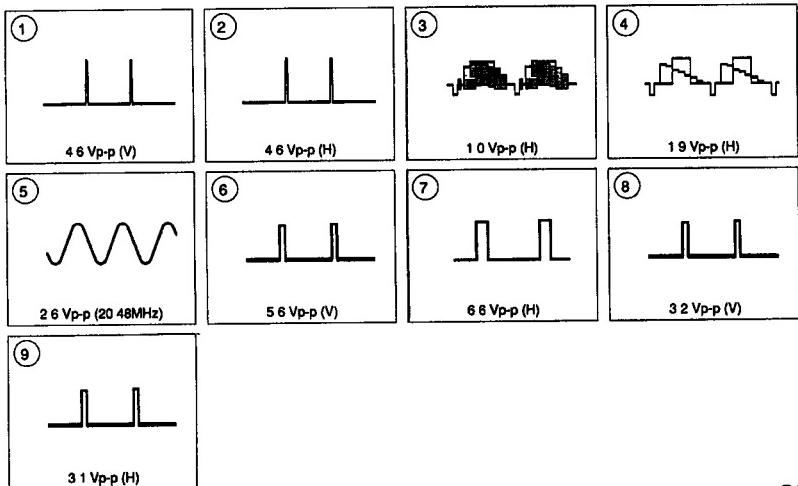


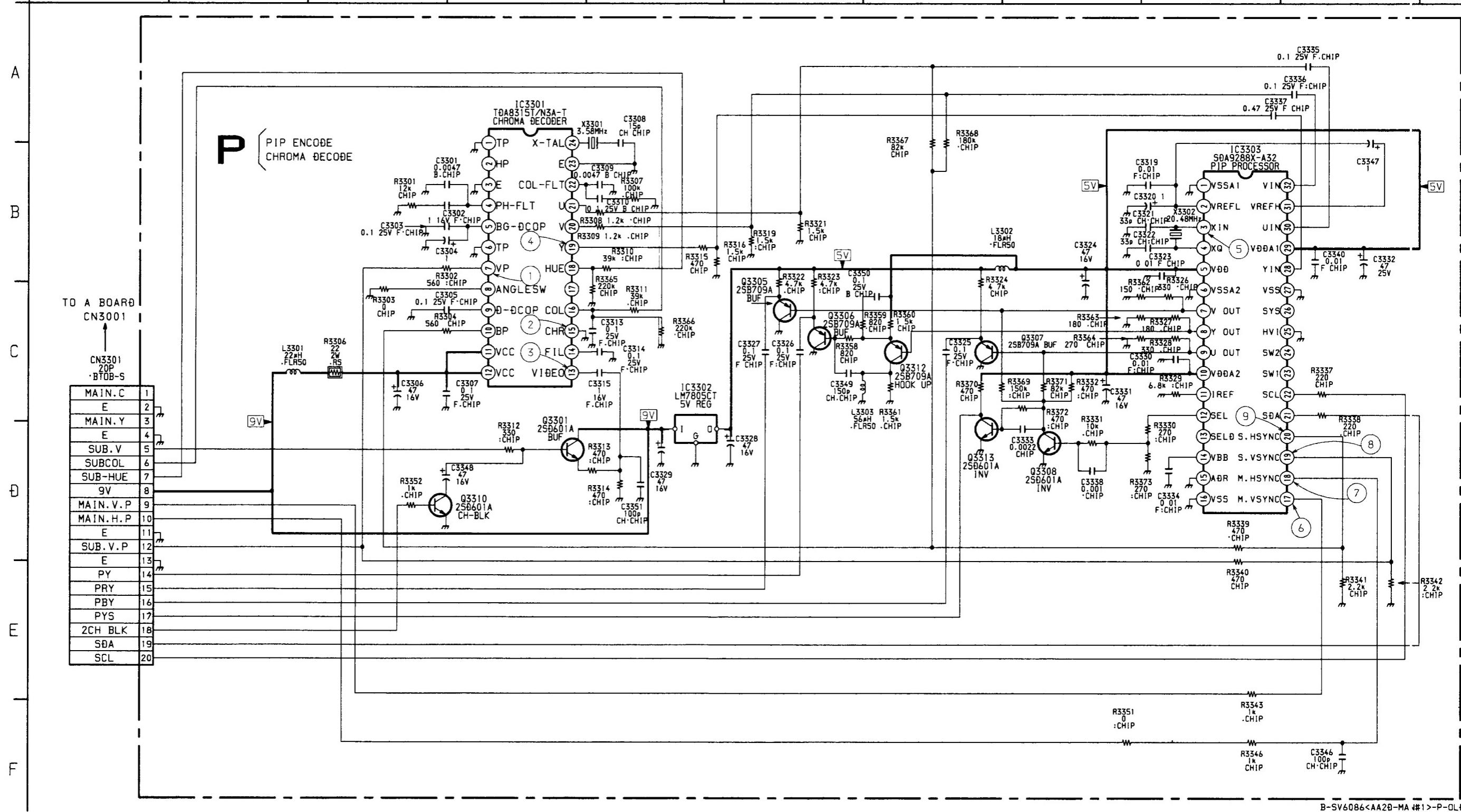
< CONDUCTOR SIDE >

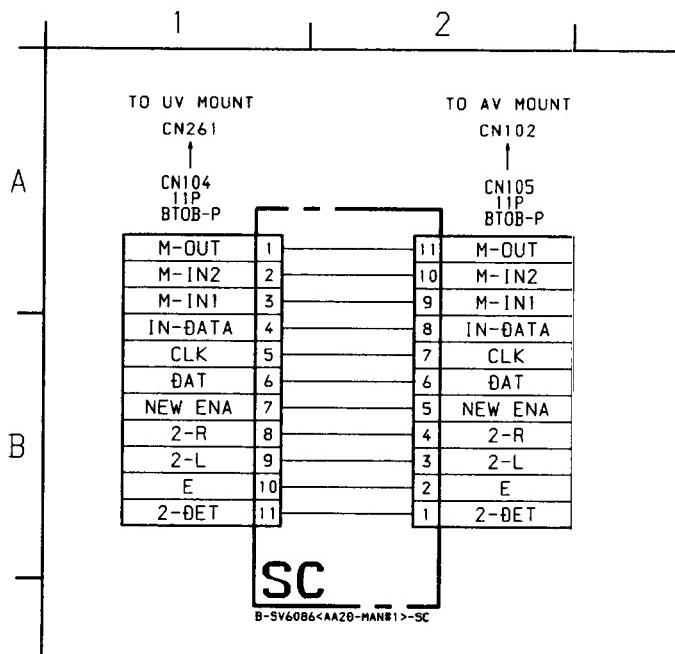


- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

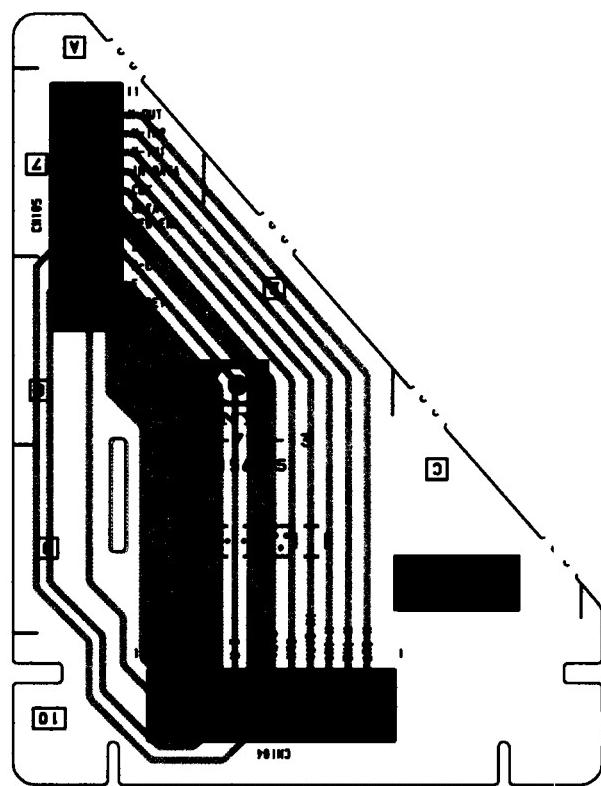
P BOARD WAVEFORMS







SC
(KV-35S36 ONLY)
— SC BOARD —



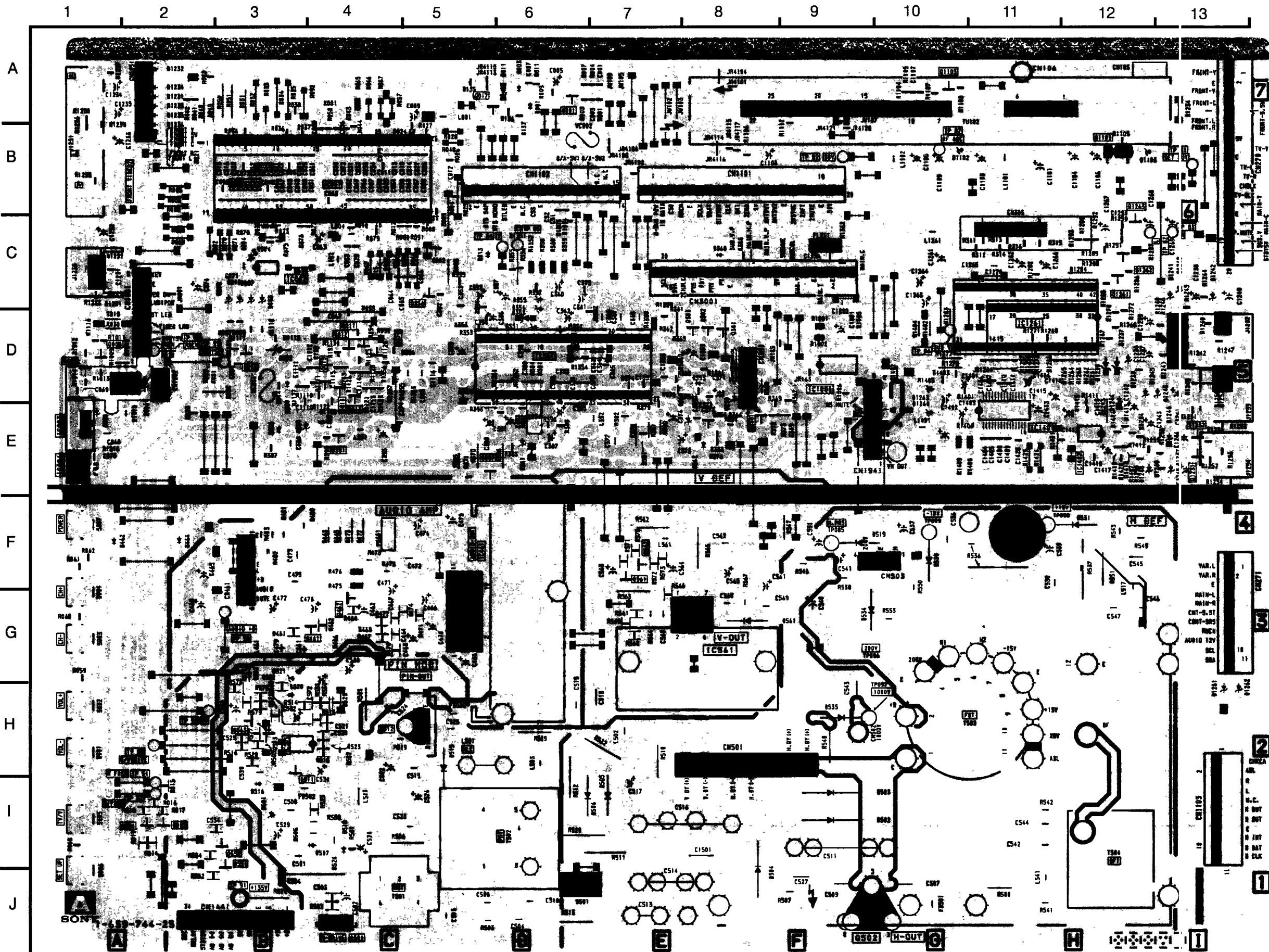
**A BOARD
LOCATOR LIST**

DIODE	
D001	A-6
D002	D-3
D003	A-6
D004	C-3
D011	A-5
D013	C-5
D014	D-3
D015	C-4
D353	D-8
D356	E-3
D360	E-7
D362	E-8
D368	C-8
D462	F-1
D501	I-3
D502	I-9
D503	I-9
D504	J-8
D505	I-7
D506	I-6
D507	I-3
D515	H-5
D516	I-3
D518	I-4
D519	F-9
D520	H-3
D521	G-3
D530	F-10
D531	F-12
D534	G-9
D535	H-9
D561	G-8
D562	G-3
D1102	B-10
D1103	B-12
D1248	E-12
D1263	D-10
D1264	E-10
IC	
IC001	B-4
IC002	C-3
IC351	D-6
IC461	G-5
IC501	H-3
IC561	G-8
IC1001	D-9
IC1401	E-11
IC1402	E-12
TRANSISTOR	
Q001	A-6
Q002	C-5
Q003	I-2
Q004	I-1
Q010	D-4
Q011	D-4
Q012	D-4
Q013	E-4
Q014	D-4
Q015	D-4
Q016	D-3
Q017	A-5
Q301	D-8
Q302	D-8
Q303	D-8
Q354	E-8
Q356	C-5
Q357	E-5
Q358	E-8
Q461	G-3
Q462	G-4
Q501	J-4
Q502	J-9
Q511	H-3
Q512	H-5
Q551	I-2
Q552	I-2
Q561	F-7
Q562	F-7
Q563	H-2
Q1102	B-12
Q1103	A-10
Q1231	E-13
Q1232	E-13

A

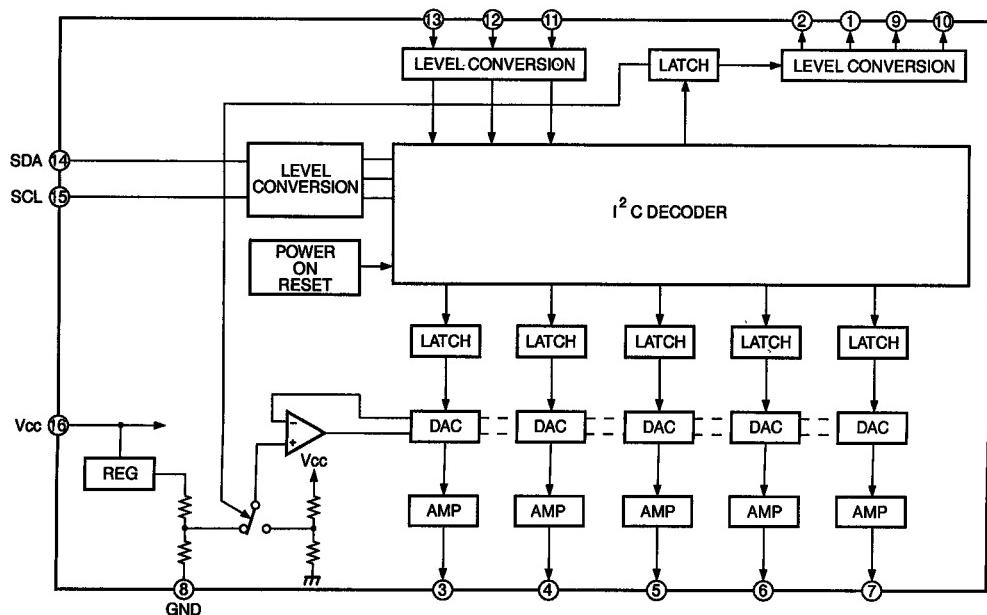
[MICON, Y/C/J, TUNER, VOL-CTL, AUDIO-AMP,
PIN-MOD, V.DEF, H.DEF, AV-SW]

— A BOARD —

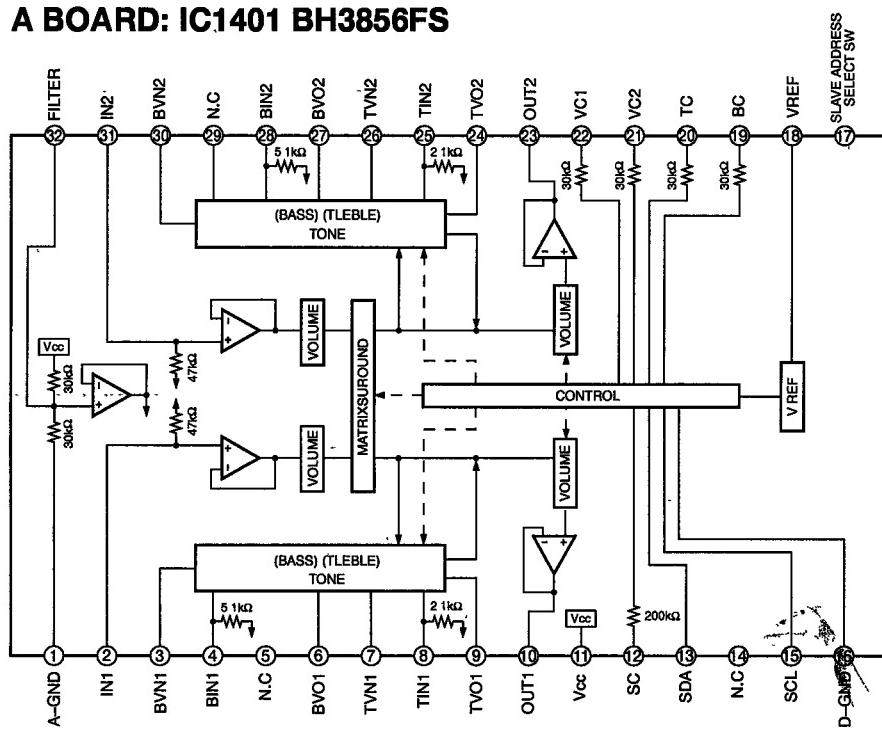


Schematic diagrams

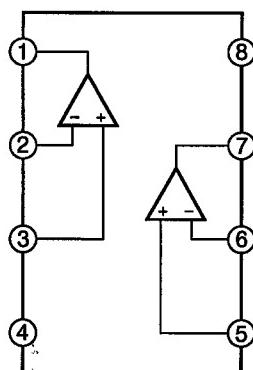
A BOARD: IC1001 CXA1315M



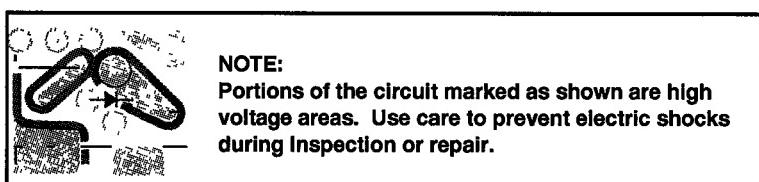
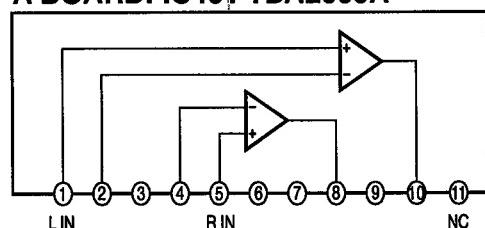
A BOARD: IC1401 BH3856FS



A BOARD: IC1402 NJM4558M



A BOARD: IC461 TDA2009A

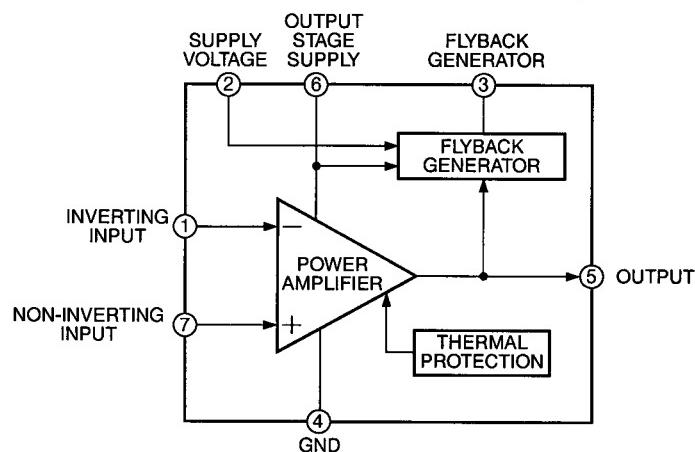


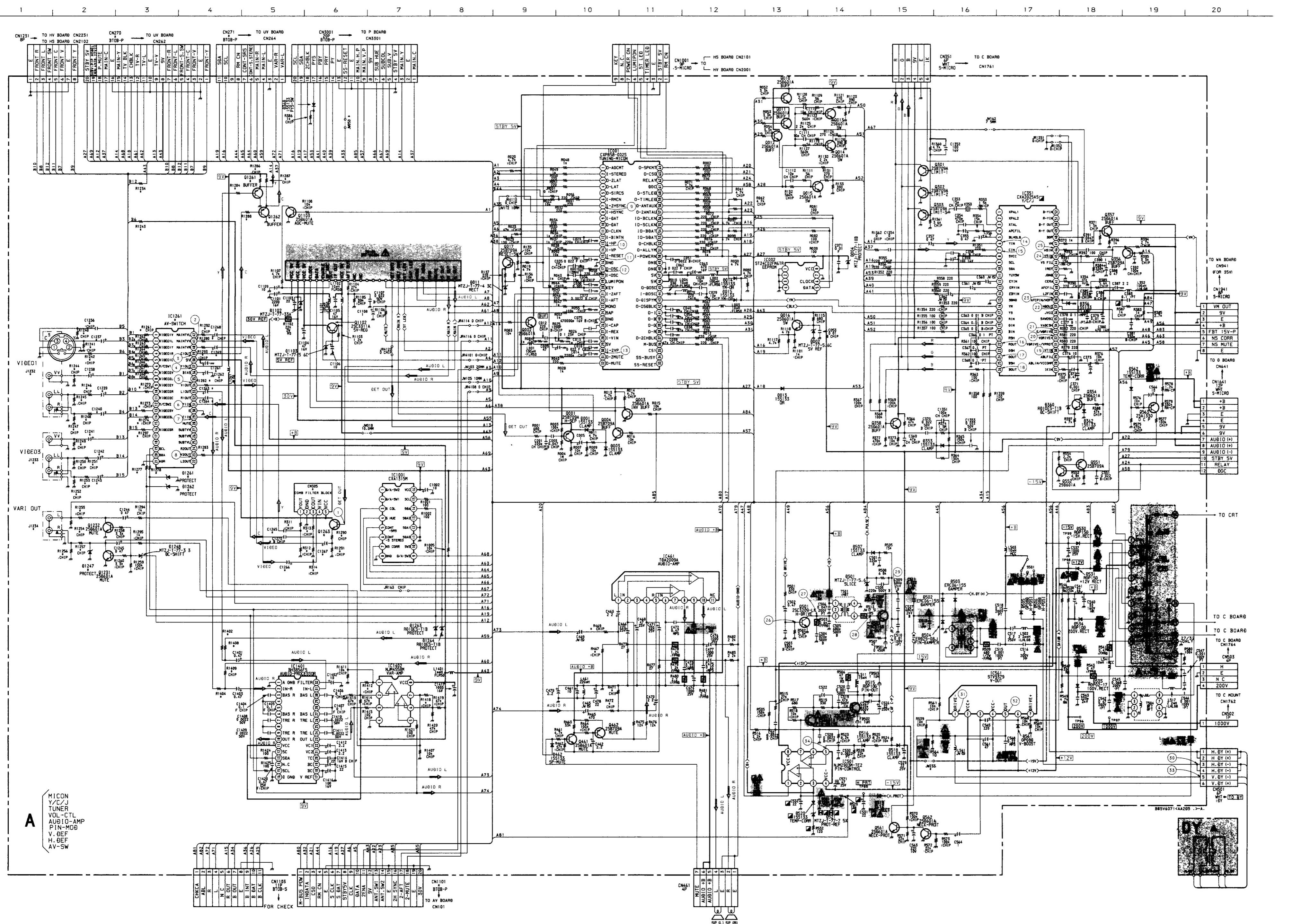
A BOARD (*) MARK LIST

	KV-35S26/37RS26	KV-35S36		KV-35S26/37RS26	KV-35S36
C513	033MF	#	R1243	100K	#
C1236	0.01	#	R1244	75	#
C1237	0.047	#	R1245	470K	#
C1238	0.047	#	R1246	4.7K	#
C1239	1	#	R1247	470K	#
C1240	1	#	R1248	4.7K	#
C1241	0.047	#	R1249	75	#
C1242	1	#	R1250	470K	#
C1243	1	#	R1251	47K	#
C1261	47	#	R1252	470K	#
C1262	47	#	R1253	4.7K	#
C1263	1	#	R1254	470K	#
C1264	1	#	R1255	1K	0
C1265	0.1	#	R1256	470K	#
C1266	47	#	R1257	1K	#
C1267	0.047	#	R1261	220	#
C1268	1	#	R1262	100	#
C1269	1	#	R1263	220	#
C1270	0.01	#	R1264	100	#
CM305	1-467-554-21	#	R1265	220	#
CN270	#	20P	R1266	100	#
CN271	#	11P	R1267	0	#
CN1101	#	20P	R1268	100	#
D1247	MTZJ-T-77-10B	#	R1270	100	#
D1261	MTZJ-T-77-10B	#	R1273	220	#
D1262	MTZJ-T-77-10B	#	R1274	100	#
IC1261	MM1313	#	R1277	220	#
J1232	S3P	#	R1278	220	#
J1233	3P	#	R1280	100	#
J1234	2P	#	R1282	100	#
JW050	#	17.5MM	R1283	22	#
JW233	12.5MM	#	R1284	100	#
Q1261	2SB709A	#	R1286	1K	#
Q1262	2SB709A	#	R1287	1K	#
Q1263	2SD601A	#	R1288	100	#
R311	0	#	R1290	470	#
R312	1K	#	R1291	680	#
R313	0	#	R1292	4.7K	#
R314	1K	#	R1293	4.7K	#
R467	4.7K	6.8K	R1297	100	#
R469	4.7K	2.2K	R1402	10K	#
R471	4.7K	6.8K	R1404	10K	#
R472	4.7K	2.2K	R1408	#	10K
R1234	100K	#	R1409	#	10K
R1240	75	#	R1412	22K	68K
R1241	75	#	R1418	22K	68K
R1242	4.7K	#			

#: Not Mounted

A BOARD: IC561 STV9379





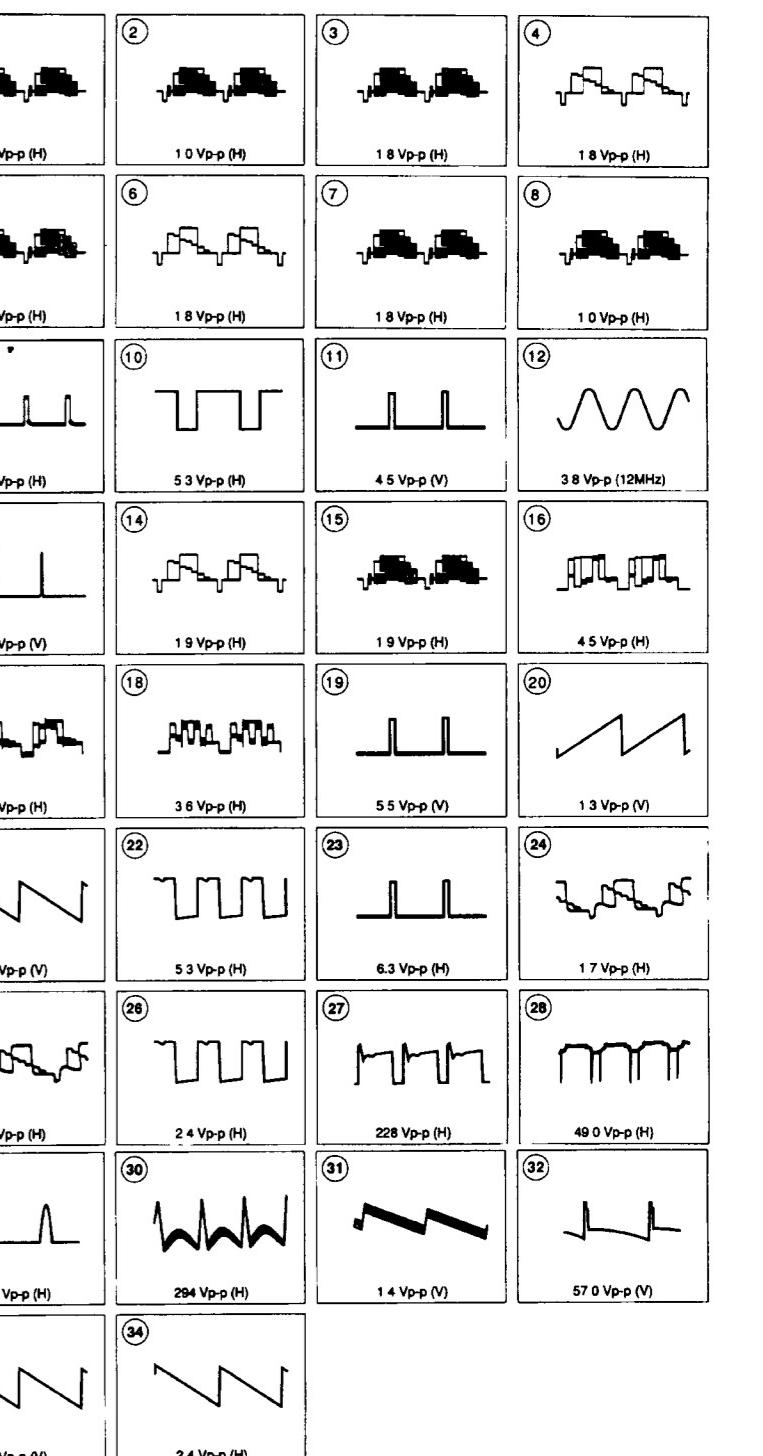
BOARD IC VOLTAGE LIST

001		002		003		004		
pin	volt	pin	volt	pin	volt	pin	volt	
1	0	52	0	31	3.1	6	0.6	
2	0	53	4.9	32	3.2	7	3.8	
3	0	54	4.9	33	3.7	8	GND	
4	0	55	4.9	34	4.5	9	0	
5	0	56	5.0	35	4.8	10	0	
6	5.0	57	5.0	36	8.7	11	GND	
7	0	58	0	37	3.4	12	GND	
8	0	59	3.7	38	3.6	13	GND	
9	0.8	60	0.5	39	4.1	14	5	
10	0	61	0	40	4.3	15	5	
11	0	62	4.8	41	2.5	16	8.7	
12	5	63	0	42	GND	1	GND	
13	4.2	64	4.6	43	2.8	2	4.3	
14	1.3	IC002	1	GND	44	2.8	3	4.3
15	5		2	GND	45	4.1	4	4.3
16	GND		3	GND	46	3.3	5	0
17	2.6		4	GND	47	6.0	6	4.3
18	*		5	5.0	48	0.4	7	4.3
19	3.1		6	5.0	49	0	8	4.4
20	5		7	GND	50	0	9	4.4
21	2		8	5.0	IC461	1	1.5	
22	2	IC351	1	NC		2	3.5	
23	0		2	NC		3	12.2	
24	0		3	2.2		4	3.5	
25	GND		4	5.9		5	1.5	
26	0		5	4.1		6	0	
27	1.6		6	4.6		7	0	
28	5		7	4.3		8	0.3	
29	0.2		8	9.2		9	22.1	
30	0		9	5.2		10	0.3	
31	0		10	5.2		11	0	
32	0		11	0.3	IC501	1	3.4	
33	0		12	6.6		2	7.9	
34	0		13	6.3		3	8.3	
35	0		14	6.3		4	-16.5	
36	0		15	GND		5	2.3	
37	0		16	0		6	2.8	
38	0		17	0		7	-16.3	
39	0		18	5.2		8	12.6	
40	0		19	5.2	IC561	1	1.6	
41	0		20	5.2		2	12.6	
42	0		21	4.0		3	-14.5	
43	0		22	2.2		4	-16.6	
44	3.0		23	5.1		5	0.0	
45	3.0		24	1.8		6	13.4	
46	5.0		25	4.5		7	1.6	
47	5.0		26	2.3	IC1001	1	0.0	
48	GND		27	4.7		2	0.0	
49	GND		28	1.7		3	3.2	
50	5.0		29	6.8		4	2.8	
51	0		30	0.7		5	0.5	

BOARD TRANSISTOR

TAGE LIST			
	B	C	E
1	5.2	0.9	50
2	4.8	5.0	41
3	-0.4	4.2	GND
4	0.8	GND	1.3
0	0	8.7	0
1	0	8.7	0
2	0	8.7	0
3	-0.2	0	GND
4	-0.2	0	GND
5	-0.2	0	GND
6	5.8	87	5.1
7	44	5.0	50
1	4.0	GND	22
2	4.0	GND	18
3	4.0	GND	20
4	0.2	GND	-0.5
5	4.9	GND	56
7	3.6	87	0
8	1.9	87	20
1	0.8	0	0
2	20.0	206	207
1	-0.7	1056	GND
2	-0.4	1361	0
1	-16.3	-13.0	-16.5
2	-16.9	19.1	-16
3	134.3	0.4	1349
02	6.0	92	53
03	0	2.5	GND
31	0	0	GND
32	0	0	GND

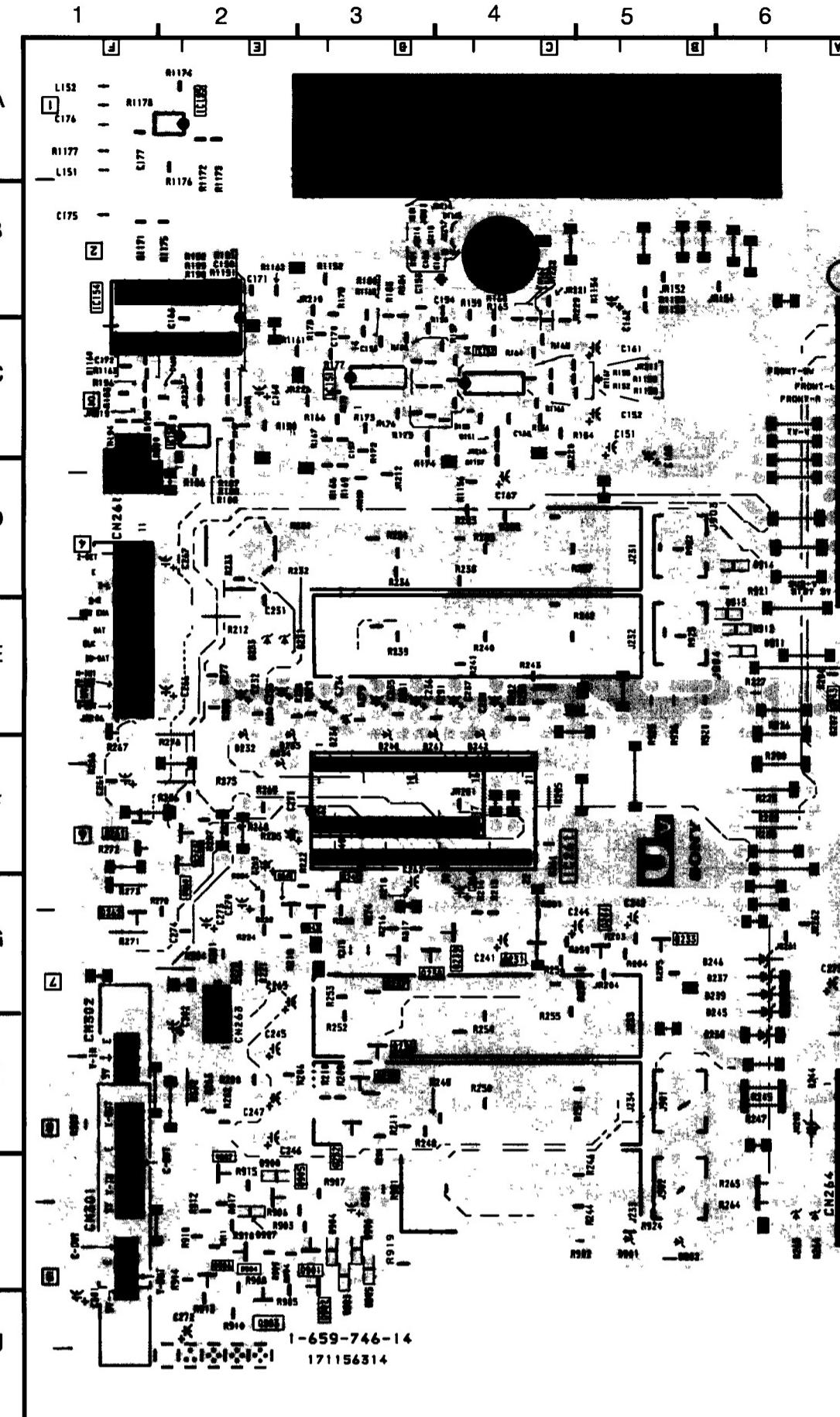
ARD WAVEFORMS



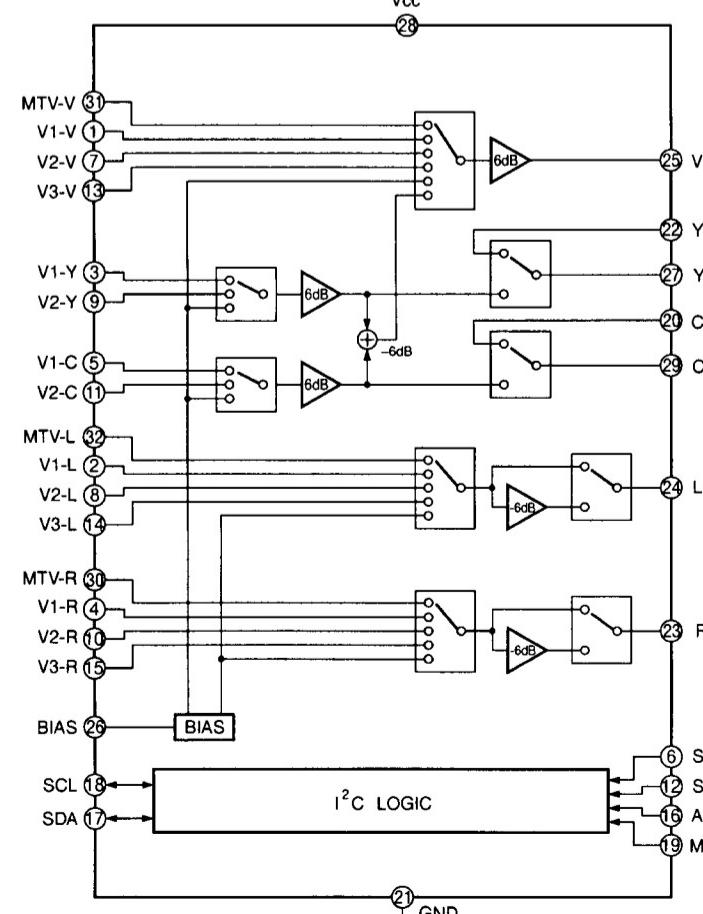
UV

[SRS, AV-SW, AV-TERMINAL]
[KV-35S36 ONLY]

— UV BOARD —



UV BOARD IC261MM1311AD



Schematic diagrams

← A board UV board →

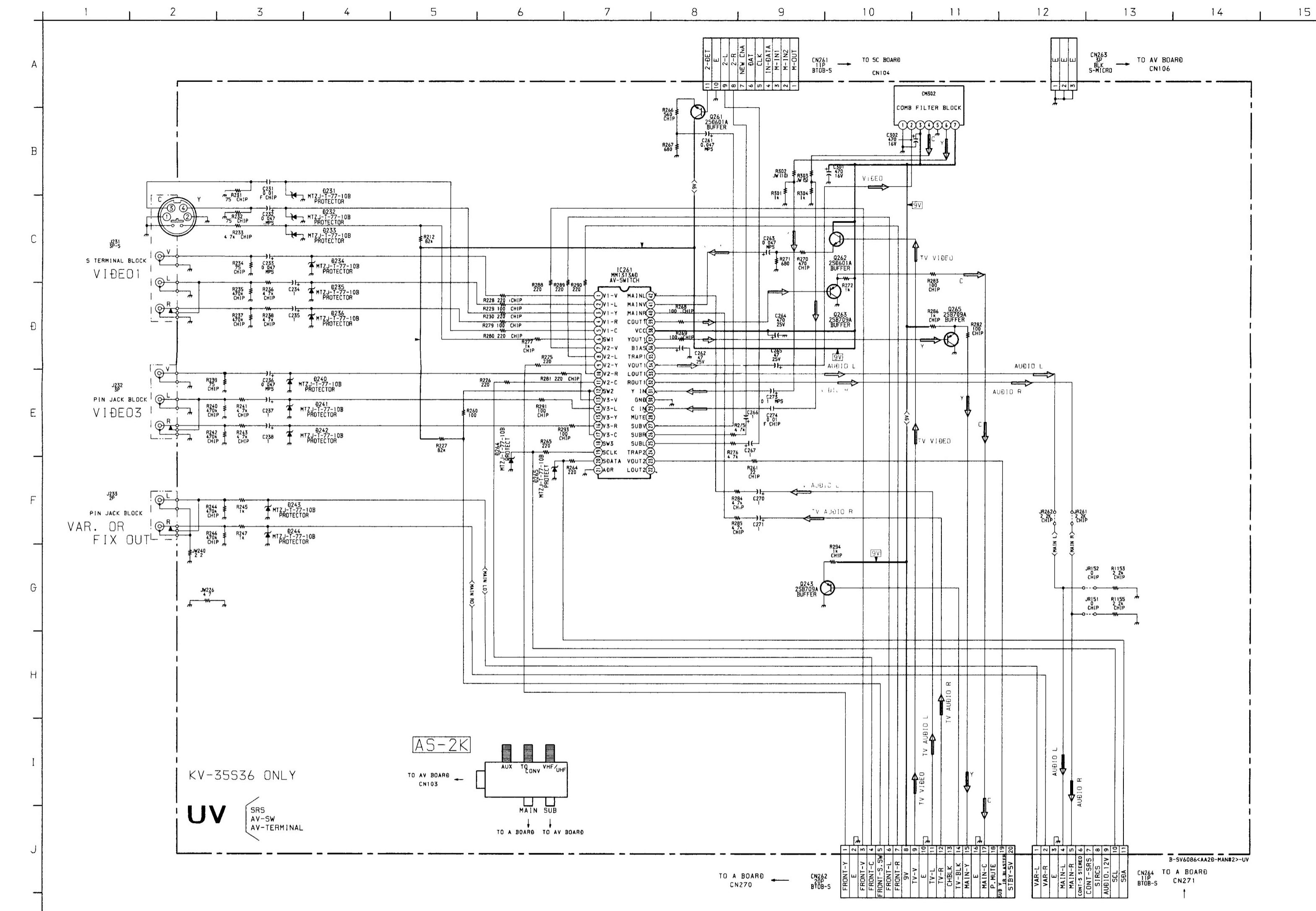
UV BOARD	
DIODE	
D231	E-2
D232	E-2
D233	E-2
D234	F-2
D235	E-2
D236	E-3
D237	G-6
D238	G-6
D239	G-6
D240	E-3
D241	E-3
D242	E-4
D243	G-6
D244	H-6
D245	G-6
D246	G-6
D264	I-6
D265	I-6
D902	I-5
D909	E-5
D910	E-5
IC	
IC151	C-3
IC152	C-4
IC153	C-2
IC154	C-2
IC261	F-4
TRANSISTOR	
Q231	G-4
Q232	H-3
Q233	G-5
Q234	G-5
Q235	H-3
Q236	H-3
Q237	G-3
Q238	G-3
Q239	G-4
Q240	G-2
Q241	G-3
Q242	G-3
Q243	E-6
Q261	F-1
Q262	G-1
Q263	F-2
Q265	F-2

UV BOARD IC VOLTAGE LIST	
Pin	volt
1	4.8
2	4.2
3	4.8
4	4.2
5	4.8
6	4.5
7	4.8
8	4.2
9	4.8
10	4.2
11	4.9
12	5.8
13	4.8
14	4.2
15	0
16	4.2
17	5.8
18	NC
19	5.0
20	4.9
21	GND
22	NC
23	6.7
24	NC
25	4.2
26	4.2
27	6.1
28	NC
29	4.8
30	GND
31	5.6
32	4.1
33	4.1
34	5.0
35	NC
36	4.2
37	4.3
38	6.7
39	3.4
40	4.2
41	5.2
42	4.2

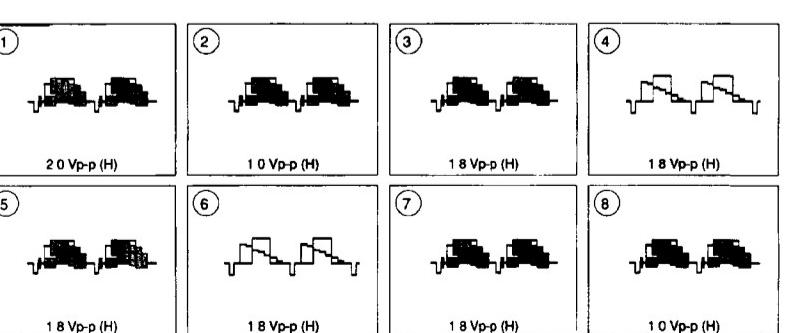
All voltages are in V

UV BOARD TRANSISTOR VOLTAGE LIST		
Q243	B 0.2	C GND 0.9
Q261	4.6	8.7 4.0
Q262	4.9	5.7 4.2
Q263	3.4	GND 4.1
Q265	4.3	GND 4.9

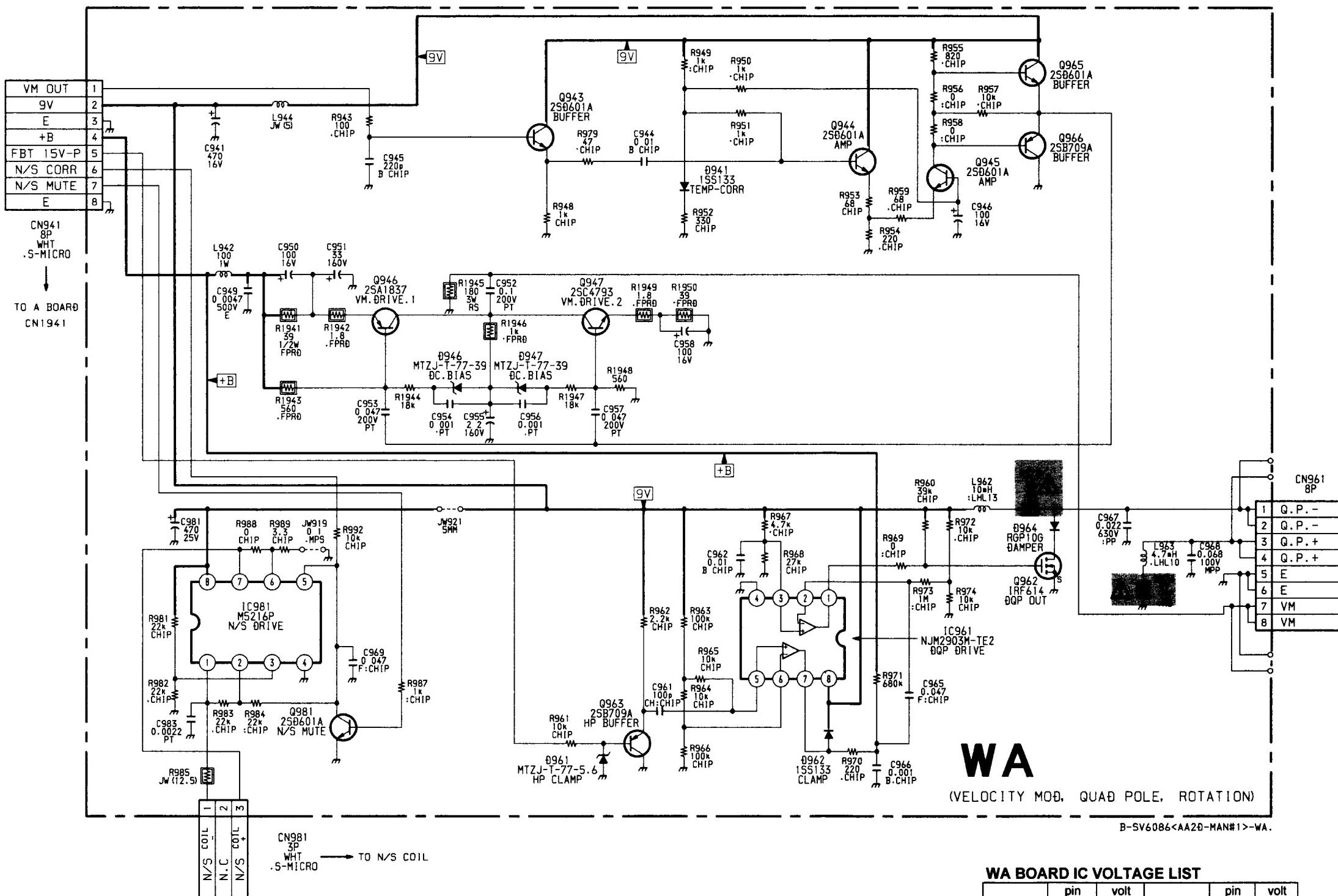
All voltages are in V



UV BOARD WAVEFORMS

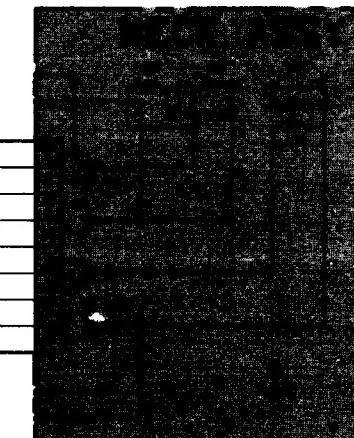


1 2 3 4 5 6 7 8 9 10 11



	pin	volt		pin	volt
IC961	1	4.3	IC981	1	4.8
	2	4.1		2	4.5
	3	7.5		3	4.4
	4	GND		4	GND
	5	4.6		5	4.1
	6	4.2		6	4.1
	7	4.4		7	4.1
	8	8.7		8	8.7

All voltages are in V

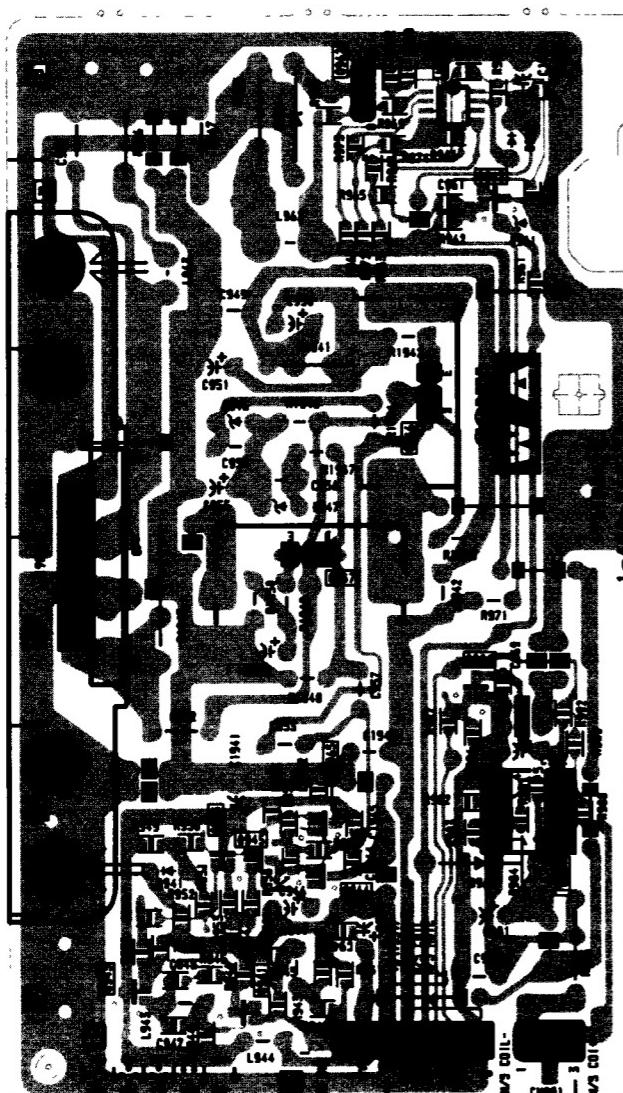


	B	C	E
Q943	3	8.7	2.4
Q944	2.7	8.7	2.1
Q945	2.7	5.5	2.1
Q946	134	65.7	134.6
Q947	0.9	65.7	0.5
Q963	4.6	GND	5.3
Q965	5.5	8.7	5.5
Q966	5.5	GND	5.5
Q981	0	4.1	GND
	G	D	S
Q962	4.3	9.8	GND

All voltages are in V

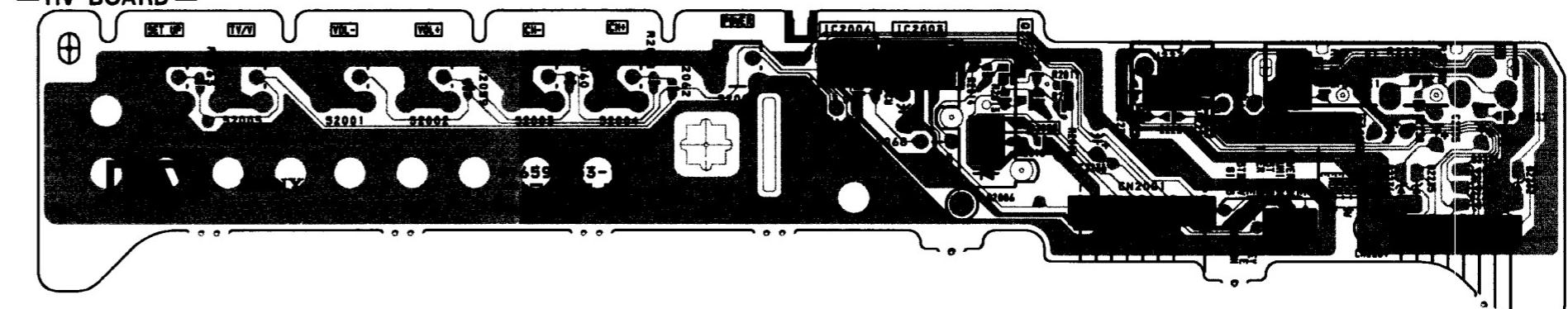
WA [VELOCITY MOD.,
QUAD POLE, ROTATION]

— WA BOARD —



HV [MICON-CTL.]

— HV BOARD —

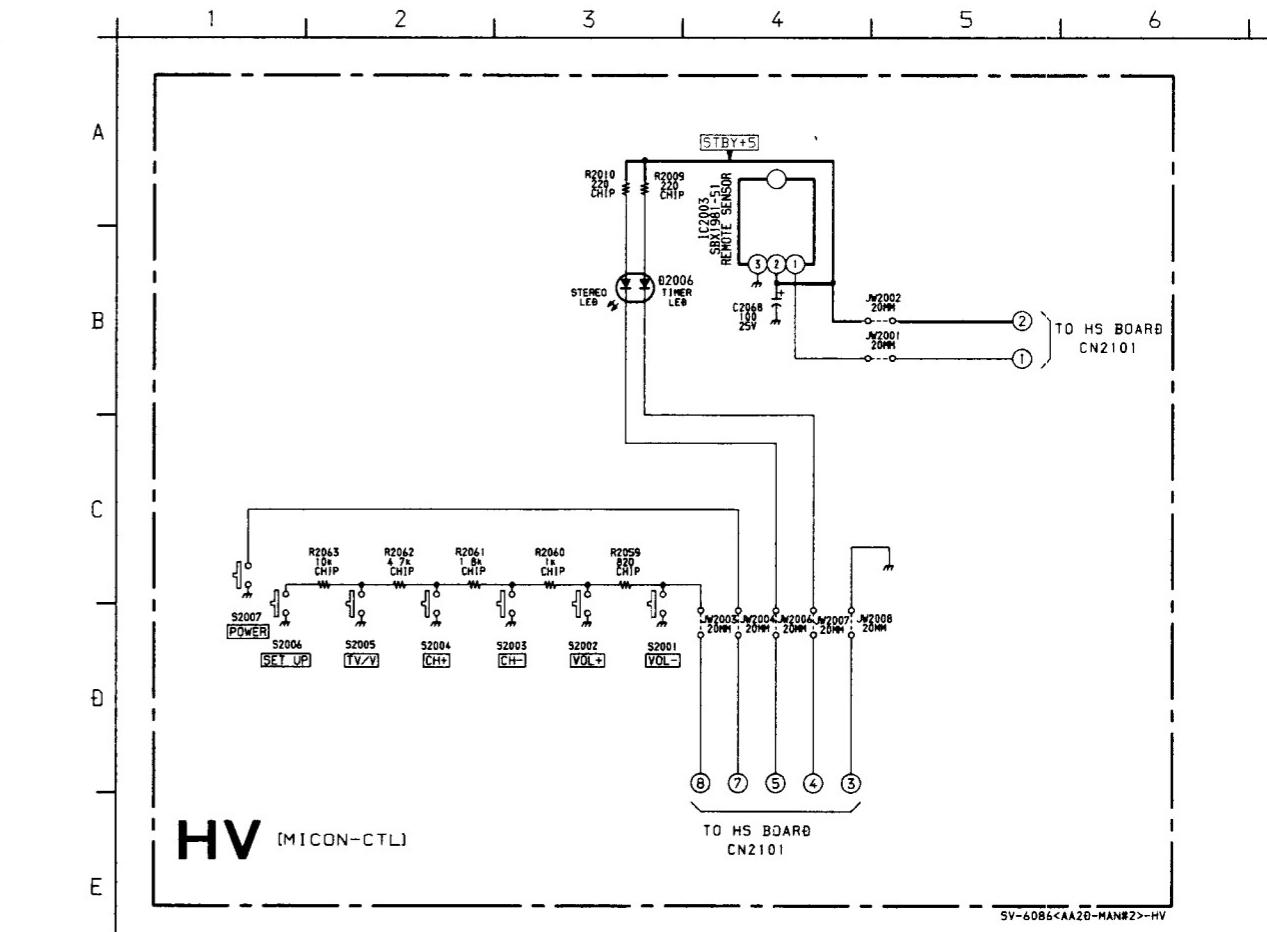
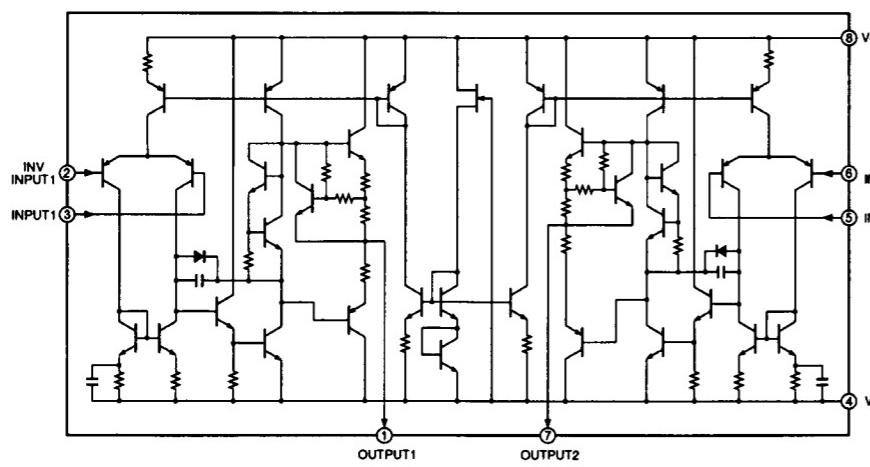


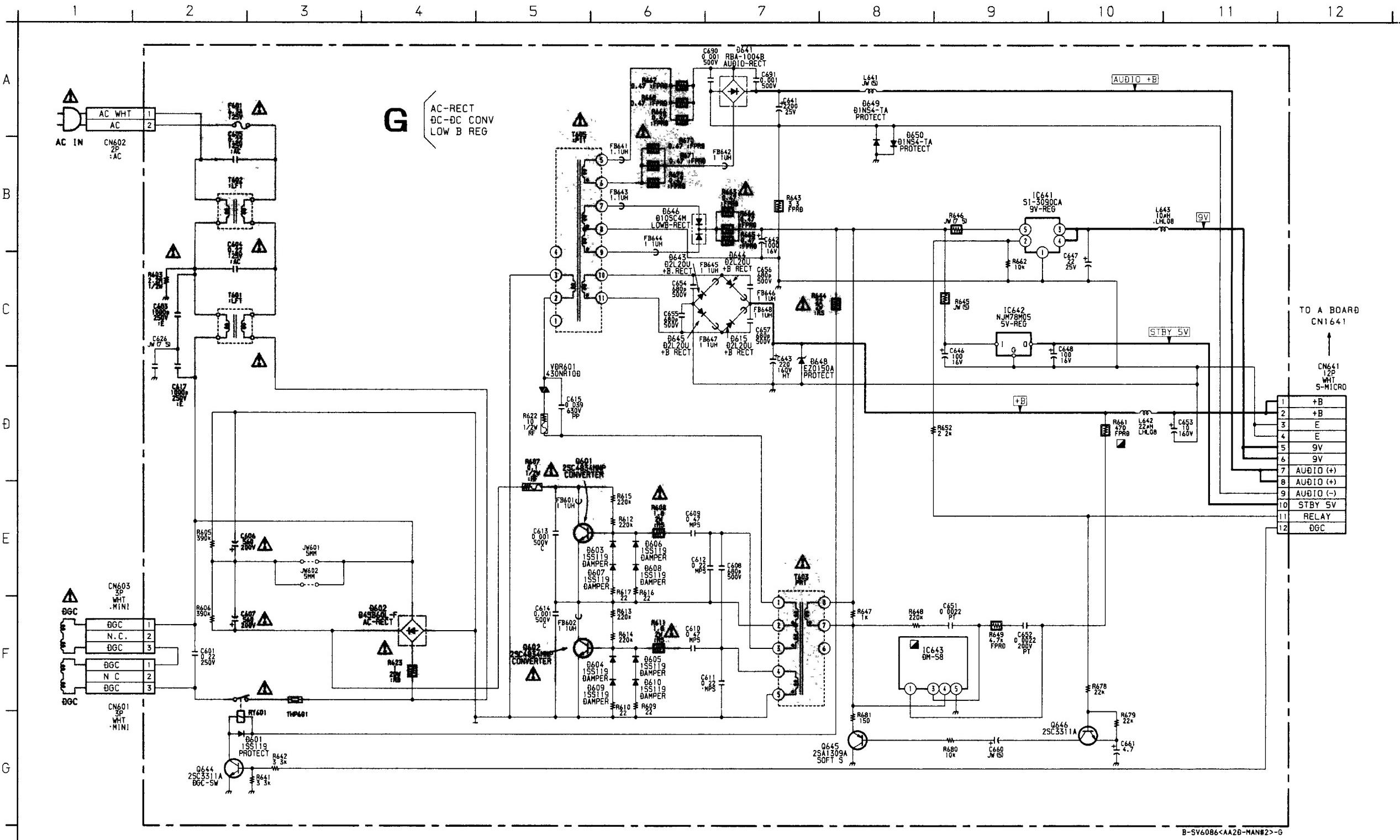
HV BOARD IC VOLTAGE LIST

	pin	volt
IC2003	1	5.0
	2	5.0
	3	GND

All voltages are in V

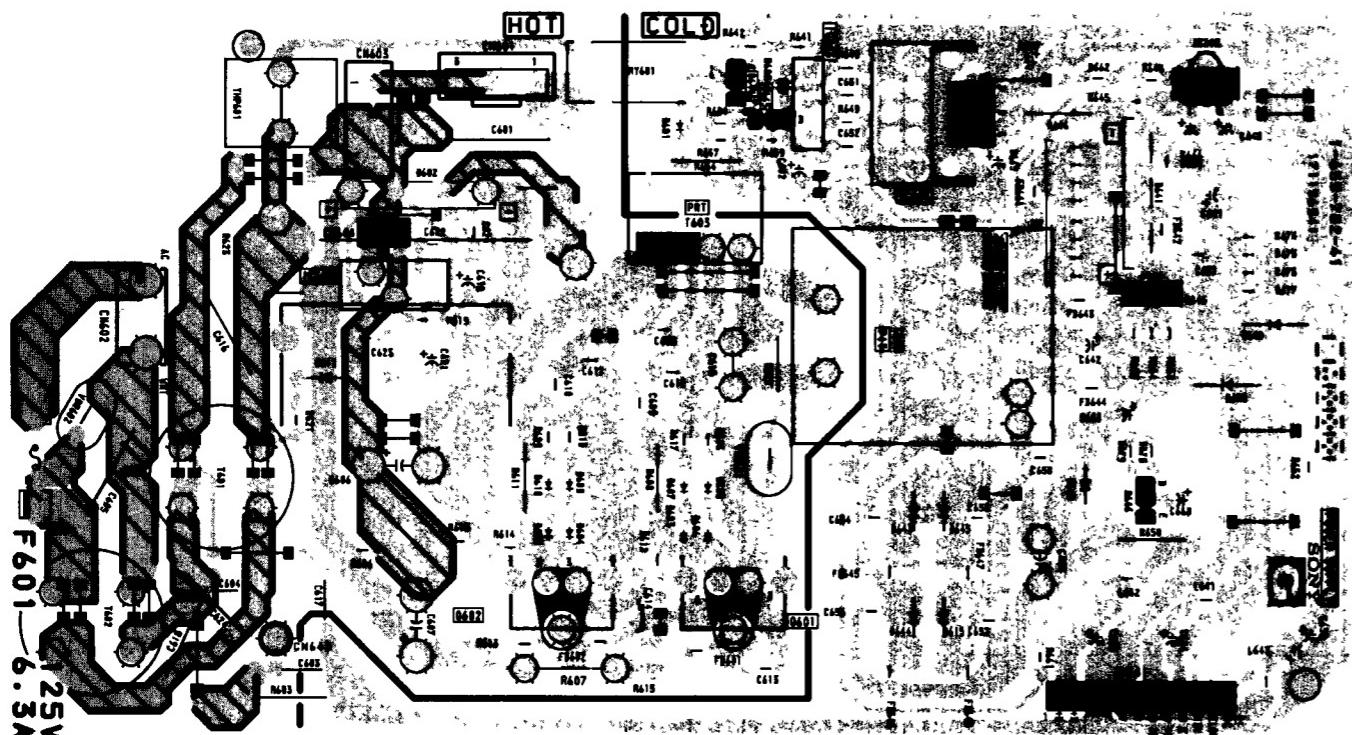
WA BOARD: IC981 M5216P





G

[AC-RECT, DC-DC CONV., LOW B REG]

— G BOARD —
G BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q601	145.2	294.0	147.5
Q602	-1.7	147.5	GND
Q644	0	10.5	GND
Q645	7.0	GND	7.2
Q646	4.7	7.0	4.7

All voltages are in V

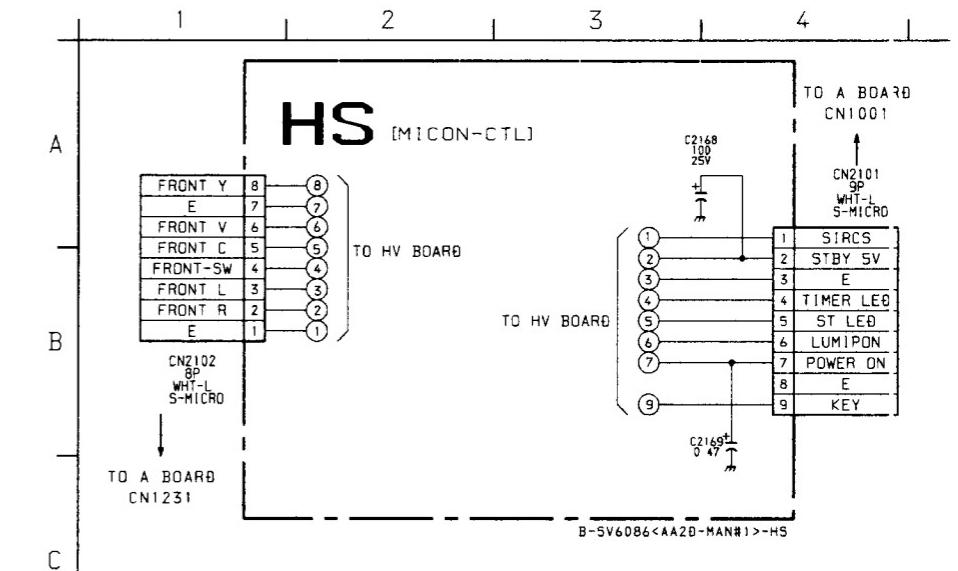
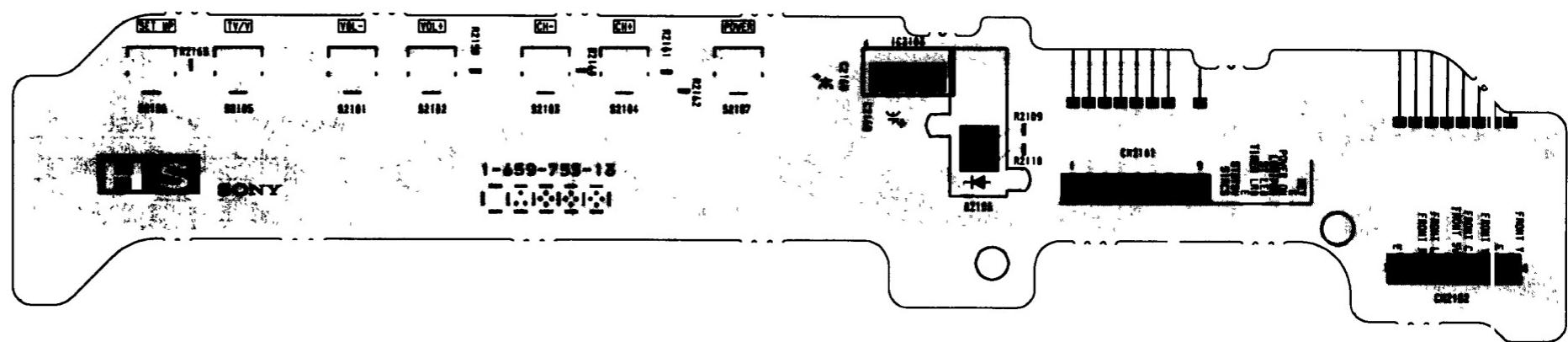
HS

[MICON-CTL.]

G BOARD IC VOLTAGE LIST

	pin	volt
IC641	1	GND
	2	3.9
	3	8.9
	4	8.9
	5	10.5
IC642	IN	9.5
	OUT	5.0
IC643	1	135
	2	NC
	3	2.5
	4	7.8
	5	GND

All voltages are in V

— HS BOARD —

C

[R,G,B DRIVE, CRT DRIVE]

1 2 3 4 5 6 7 8 9

A

B

C

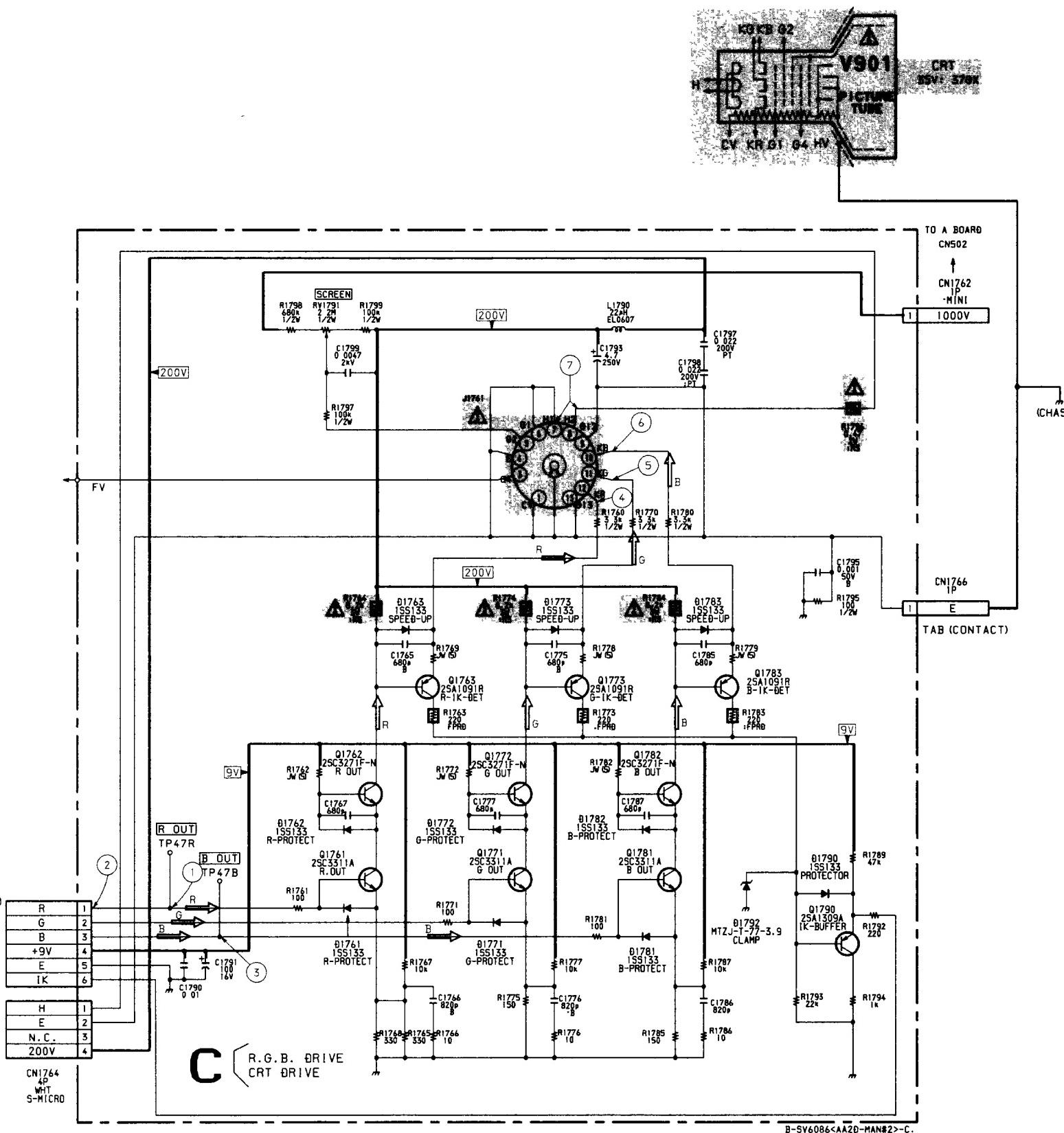
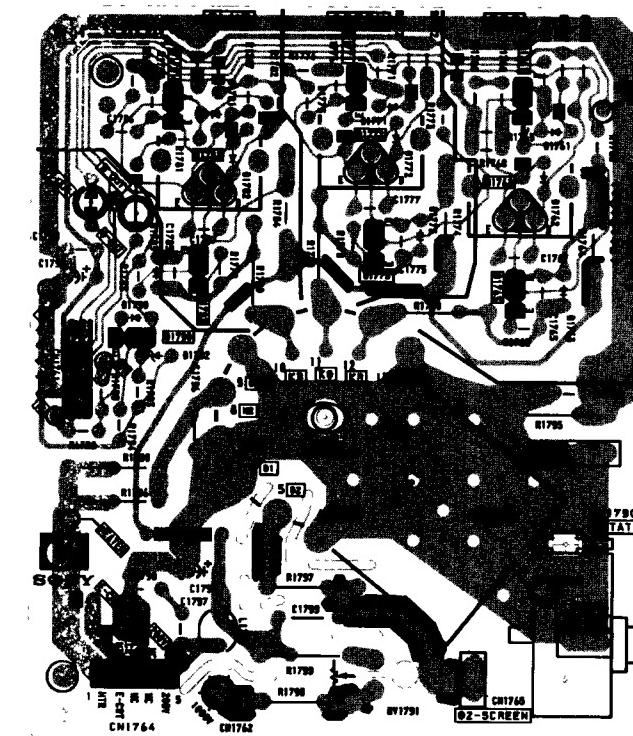
D

E

F

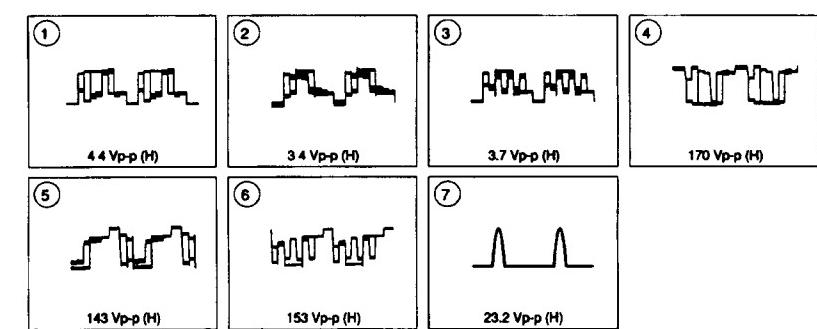
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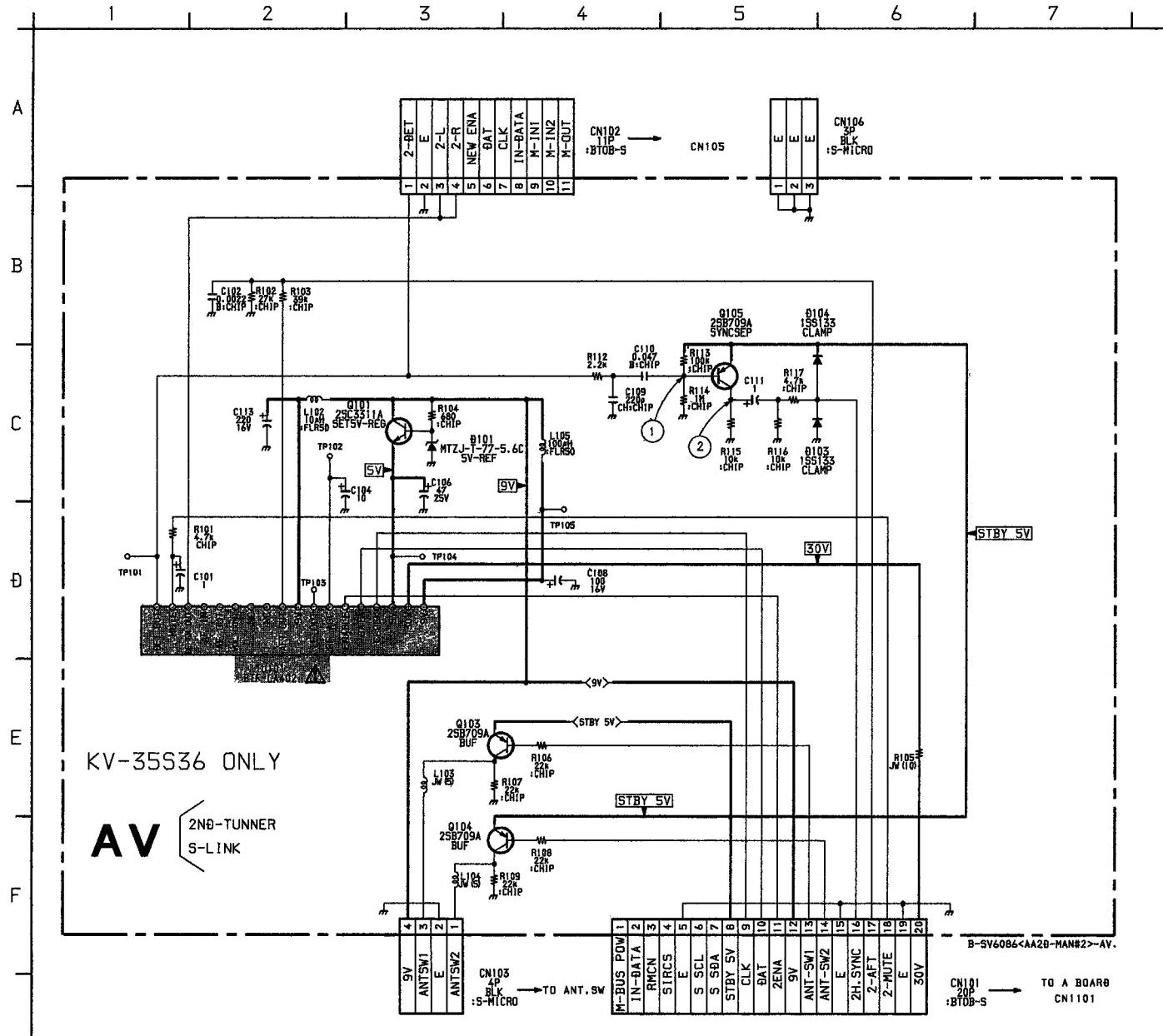
H

**— C BOARD —****C BOARD TRANSISTOR VOLTAGE LIST**

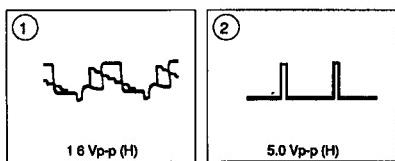
	B	C	E
Q1761	2.2	8.2	17
Q1762	8.7	134.1	8.2
Q1763	134.1	2.3	132.0
Q1771	1.8	8.2	1.3
Q1772	8.7	146.4	8.2
Q1773	146.4	2.3	144.1
Q1781	2.1	8.2	1.6
Q1782	8.7	133.7	8.2
Q1783	133.7	2.3	131.5
Q1790	2.2	0.2	2.5

All voltages are in V

C BOARD WAVEFORMS



AV BOARD WAVEFORMS



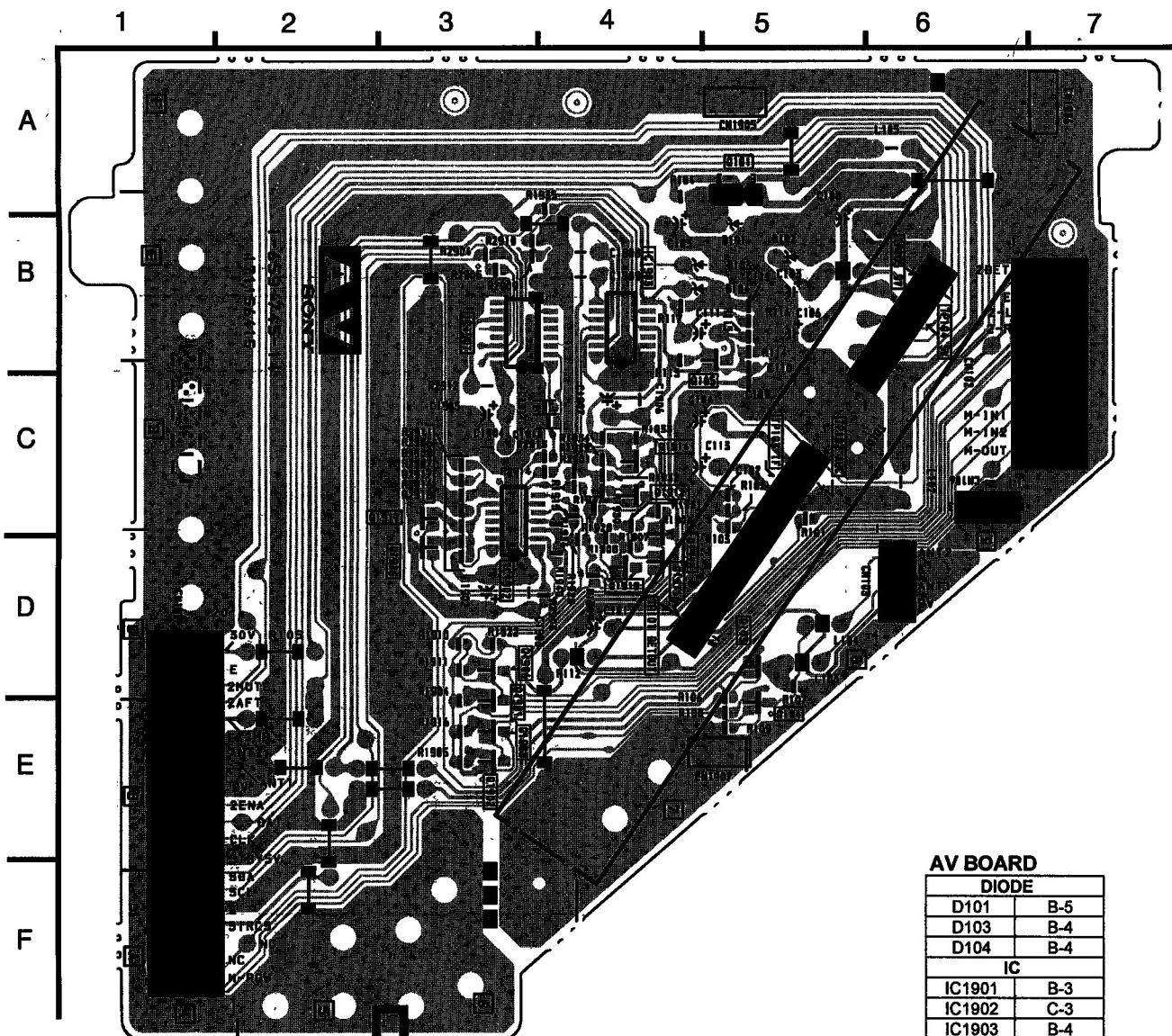
AV BOARD TRANSISTOR VOLTAGE LIST

	B	C	E
Q101	5.8	8.7	5.1
Q103	4.3	4.9	5.0
Q104	5.0	0	5.0
Q105	5.0	0.8	5.0

All voltages are in V

Schematic diagrams

← C board AV board →

AV[2ND-TUNER, S-LINK]
(KV-35S36 ONLY)**— AV BOARD —****AV BOARD****DIODE**

D101	B-5
D103	B-4
D104	B-4

IC

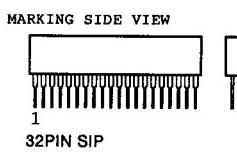
IC1901	B-3
IC1902	C-3
IC1903	B-4

TRANSISTOR

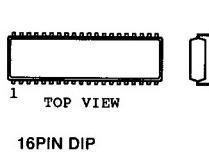
Q101	A-5
Q103	D-5
Q104	D-5
Q105	B-4
Q1901	D-3
Q1902	E-3
Q1906	D-3
Q1908	E-3
Q1911	C-4
Q1912	C-4
Q1914	C-4
Q1916	C-3
Q1917	C-3

4-4. SEMICONDUCTORS

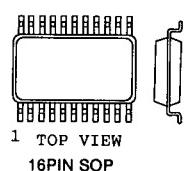
BH3856FS-E2



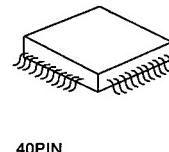
CD4052BCN



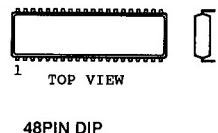
CXA1315M



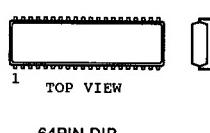
CXA-2019Q-T4



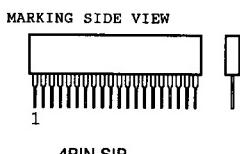
CXA2025AS



CXP85640-002S



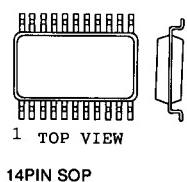
DM-58



IS474



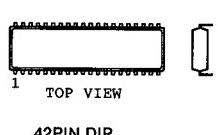
LM290IM



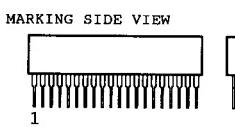
M5216P



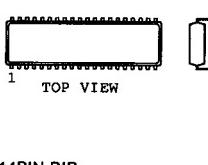
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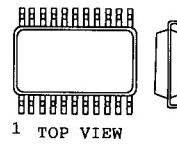
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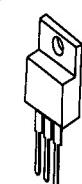
NJM2902M



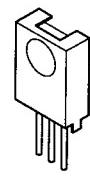
NJM2903M
NJM2904M
ST24CO2FM6TR
UPC4558G2



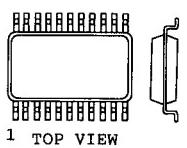
NJM78M05FA
TA7805S



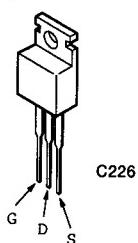
SBX1790-51



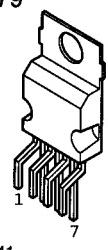
SDA9288X



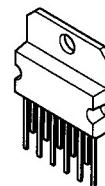
IRF614



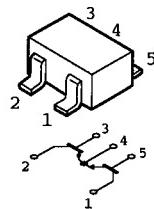
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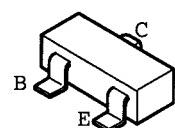
TDA2009A



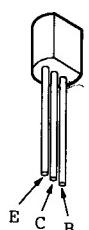
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2SC5418



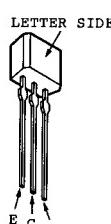
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2SA1162-G
2SA1130-06
2SD601A-Q



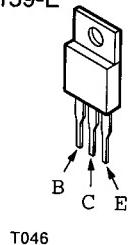
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2SA1175-HFE
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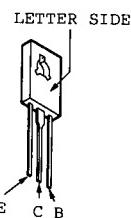


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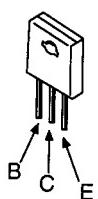


T046

2SC2611



2SC4834M



2SC3209LK



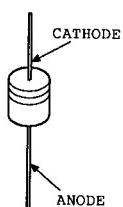
T075

D10SC4M



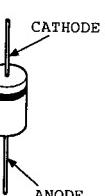
D216

D1NS4
MTZJ-3.3
MTZJ-33A
MTZJ-6.2B
MTZJ-7.5B
RD10ESB2
RD39ES-B2
RD5.6ESB2
1SS19-25



D026

D2L2OU
EL1Z
EZ0150AV1
GP08D
MTZJ-T-77-3.9
RGP02-17EL-6433



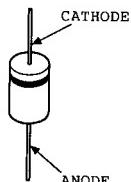
D032

D4SB60L
RBA-1004B



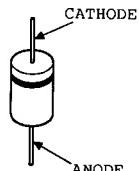
D029

ERC06-15S
ISSI33T-77



D030

ERD29-08J



D095

SECTION 5 EXPLODED VIEWS

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

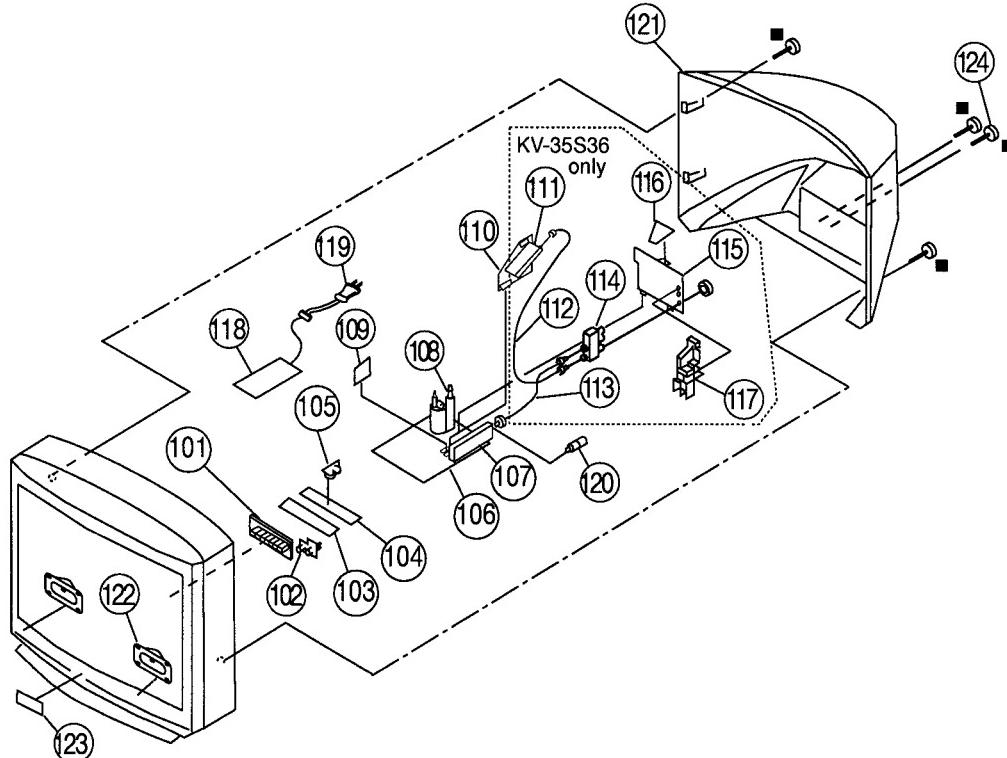
The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. CHASSIS

■ 7-685-663-79 SCREW +BVTP 4X16



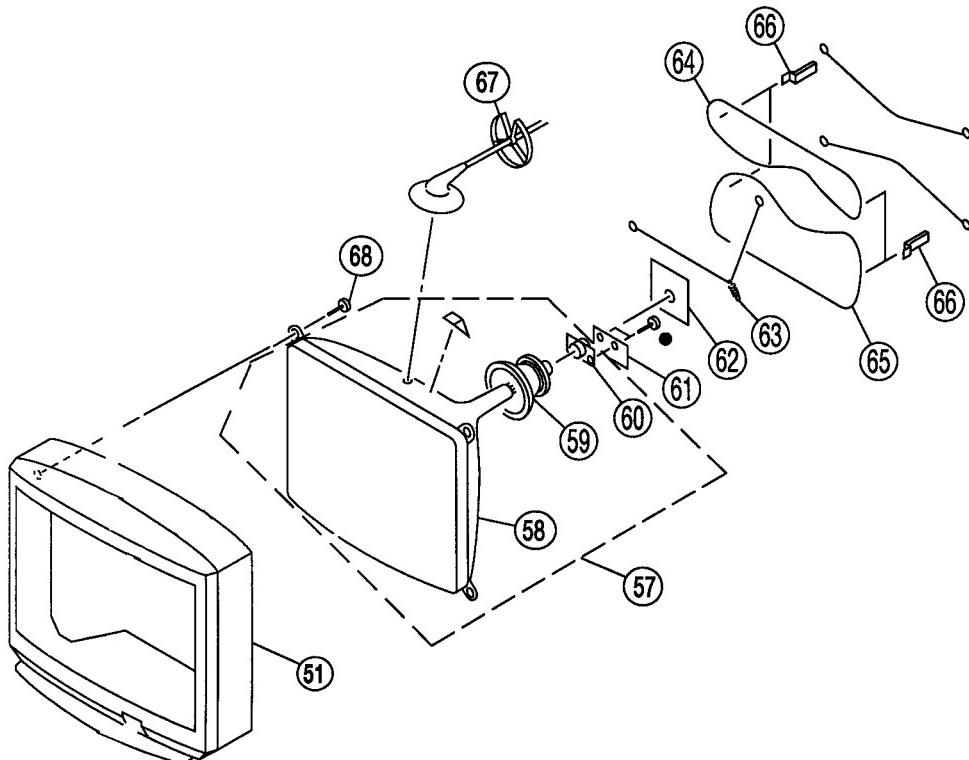
<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>	<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
101	4-058-053-01	BUTTON, MULTI		112	*	1-557-056-31	CABLE, P-P (KV-35S36)
102	4-058-054-01	BAR, OPTICAL		113	*	1-556-945-21	CABLE, P-P (KV-35S36)
103	*	A-1372-319-A	HV BOARD, COMPLETE	114		8-598-414-00	SWITCH, ANTENNA AS-2F (KV-35S36)
104	*	A-1372-326-A	HS BOARD	115	*	A-1394-862-A	UV BOARD, COMPLETE (KV-35S36)
105	*	3-696-606-02	HINGE, VI	116	*	A-1390-585-A	SC BOARD, COMPLETE (KV-35S36)
106	*	A-1298-075-A	A BOARD, COMPLETE (KV-35S26/37RS26)	117	*	4-052-905-01	BRACKET, V5/6 (KV-35S36)
106	*	A-1298-087-A	A BOARD, COMPLETE (KV-35S36)	118	*	A-1316-262-A	G BOARD, COMPLETE
107	Δ	8-598-340-00	TUNER BTF-WA404	119	Δ	1-751-059-11	CORD POWER (WITH CONNECTOR)
108	Δ	1-453-126-11	TRANSFORMER ASSY, FLYBACK (NX-3000A3)	120		1-766-374-11	PLUG, F-PIN (KV-35S26/37RS26)
109	*	A-1195-103-A	P BOARD, COMPLETE	121		4-058-052-11	COVER, REAR
110	*	A-1293-129-A	AV BOARD, COMPLETE (KV-35S36)	122		1-504-531-11	SPEAKER (13.1 X 6.2CM)
111	Δ	8-598-339-00	TUNER BTF-LA402 (KV-35S36)	123		4-046-160-01	EMBLEM (NO.9), SONY
				124		4-388-477-01	SCREW (3X16) TAPPING, +BV

5-2. PICTURE TUBE**●: 7-685-648-79 +BVTP 3X12****Note:**

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
51	X-4034-606-2	BEZNET ASSY (KV-35S36)	
51	X-4034-607-2	BEZNET ASSY (KV-35S26/37RS26)	
57	Δ 8-733-760-71	ITC 37GX-A1	58-60
58	Δ 8-733-760-05	CRT 37GX (A89LJ780X)	
59	Δ 8-451-480-11	DEFLECTION YOKE Y37GXA-X	
60	Δ 8-453-007-11	NA324-M	
61	*	A-1372-211-A WA BOARD, COMPLETE	
62	*	A-1331-522-A C BOARD, COMPLETE	
63	4-036-329-01	SPRING (B), TENSION	
64	1-411-881-11	COIL, DEMAGNETIC	
65	1-411-882-11	COIL DEMAGNETIC	
66	*	4-052-900-01 HOLDER, DGC	
67	3-704-372-31	HOLDER, HV CABLE	
68	4-046-765-01	SCREW, TAPPING	

P

SECTION 6

ELECTRICAL PARTS LIST

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by \blacksquare in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

RESISTORS

- All resistors are in ohms
- F : nonflammable

CAPACITORS**INDUCTORS**

- MF : μ F UH : μ H

When indicating parts by reference number, please include the board name.

REF.NO. PART NO. DESCRIPTION**REMARK****P** _____

* A-1195-103-A P BOARD, COMPLETE

CAPACITOR

C3301	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C3302	1-164-346-11	CERAMIC CHIP	1MF	16V	
C3303	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3304	1-126-960-11	ELECT	1MF	20%	50V
C3305	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3306	1-126-967-11	ELECT	47MF	20%	16V
C3307	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3308	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C3309	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C3310	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V

C3313	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3314	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3315	1-164-346-11	CERAMIC CHIP	1MF	16V	
C3319	1-163-031-11	CERAMIC CHIP	0.01MF	50V	
C3320	1-126-960-11	ELECT	1MF	20%	50V

C3321	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C3322	1-163-239-11	CERAMIC CHIP	33PF	5%	50V
C3323	1-163-031-11	CERAMIC CHIP	0.01MF	50V	
C3324	1-126-967-11	ELECT	47MF	20%	16V
C3325	1-163-038-91	CERAMIC CHIP	0.1MF	25V	

C3326	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3327	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3328	1-126-967-11	ELECT	47MF	20%	16V
C3329	1-126-967-11	ELECT	47MF	20%	16V
C3330	1-163-031-11	CERAMIC CHIP	0.01MF	50V	

C3331	1-126-967-11	ELECT	47MF	20%	16V
C3332	1-104-664-11	ELECT	47MF	20%	25V
C3333	1-164-695-11	CERAMIC CHIP	0.0022MF	5%	50V
C3334	1-163-031-11	CERAMIC CHIP	0.01MF	50V	
C3335	1-163-038-91	CERAMIC CHIP	0.1MF	25V	

C3336	1-163-038-91	CERAMIC CHIP	0.1MF	25V	
C3337	1-164-005-11	CERAMIC CHIP	0.47MF	25V	
C3338	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C3340	1-163-031-11	CERAMIC CHIP	0.01MF	50V	

REF.NO. PART NO. DESCRIPTION**REMARK**

C3346	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3347	1-126-960-11	ELECT	1MF	20%	50V
C3348	1-126-967-11	ELECT	47MF	20%	16V
C3349	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C3350	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C3351	1-163-251-11	CERAMIC CHIP	100PF	5%	50V

CONNECTOR

CN3301* 1-764-816-11 CONNECTOR, BOARD TO BOARD 20P

IC

IC3301	8-759-366-24	IC TDA8315T/N3A-T
IC3302	8-759-231-53	IC TA7805S
IC3303	8-759-438-61	IC SDA9288X-A141

COIL

L3301	1-408-413-00	INDUCTOR	22UH
L3302	1-410-473-11	INDUCTOR	18UH
L3303	1-408-418-00	INDUCTOR	56UH

TRANSISTOR

Q3301	8-729-422-27	TRANSISTOR 2SD601A-Q
Q3305	8-729-216-22	TRANSISTOR 2SA1162-G
Q3306	8-729-216-22	TRANSISTOR 2SA1162-G
Q3307	8-729-216-22	TRANSISTOR 2SA1162-G
Q3308	8-729-422-27	TRANSISTOR 2SD601A-Q

Q3310	8-729-422-27	TRANSISTOR 2SD601A-Q
Q3312	8-729-216-22	TRANSISTOR 2SA1162-G
Q3313	8-729-422-27	TRANSISTOR 2SD601A-Q

RESISTOR

R3301	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R3302	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3303	1-216-295-91	CONDUCTOR, CHIP	(2012)		
R3304	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3306	1-215-882-00	METAL OXIDE	22	5%	2W F
R3307	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3308	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R3309	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R3310	1-216-689-11	METAL GLAZE	39K	5%	1/10W

P A V

Note:

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and mark Δ are critical for safety.
Replace only with part number specified.

Note:

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une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		
R3311	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R3312	1-216-037-00	METAL GLAZE	330	5%	1/10W
R3313	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3314	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3315	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3316	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R3319	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R3321	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R3322	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R3323	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R3324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R3326	1-216-037-00	METAL GLAZE	330	5%	1/10W
R3327	1-216-031-00	METAL GLAZE	180	5%	1/10W
R3328	1-216-037-00	METAL GLAZE	330	5%	1/10W
R3329	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R3330	1-216-035-00	METAL GLAZE	270	5%	1/10W
R3331	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R3332	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3337	1-216-033-00	METAL GLAZE	220	5%	1/10W
R3338	1-216-033-00	METAL GLAZE	220	5%	1/10W
R3339	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3340	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3341	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R3342	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R3343	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3346	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3351	1-216-295-91	CONDUCTOR, CHIP	(2012)		
R3352	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3358	1-216-047-91	METAL GLAZE	820	5%	1/10W
R3359	1-216-047-91	METAL GLAZE	820	5%	1/10W
R3360	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R3361	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R3362	1-216-029-00	METAL GLAZE	150	5%	1/10W
R3363	1-216-031-00	METAL GLAZE	180	5%	1/10W
R3364	1-216-035-00	METAL GLAZE	270	5%	1/10W
R3365	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R3366	1-216-105-91	METAL GLAZE	220K	5%	1/10W
R3367	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R3368	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R3369	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R3370	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3371	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R3372	1-216-041-00	METAL GLAZE	470	5%	1/10W
R3373	1-216-035-00	METAL GLAZE	270	5%	1/10W

CRYSTAL

- X3301 1-567-505-11 OSCILLATOR, CRYSTAL
X3302 1-760-095-21 VIBRATOR, CRYSTAL

<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>
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AV

* A-1297-905-A AV BOARD, COMPLETE (KV-35S36 only)

CAPACITOR

C101	1-126-960-11	ELECT	1MF	20%	50V
C102	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V
C104	1-126-964-11	ELECT	10MF	20%	50V
C106	1-104-664-11	ELECT	47MF	20%	25V
C108	1-126-933-11	ELECT	100MF	20%	16V
C109	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C110	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V
C111	1-126-960-11	ELECT	1MF	20%	50V
C113	1-126-934-11	ELECT	220MF	20%	16V

CONNECTOR

CN101	1-573-301-21	CONNECTOR, BOARD TO BOARD 20P
CN102	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P
CN103*	1-564-507-11	PLUG, CONNECTOR 4P
CN106*	1-564-506-11	PLUG, CONNECTOR 3P

DIODE

D101	8-719-109-89	DIODE RD5.6ESB2
D103	8-719-991-33	DIODE 1SS133T-77
D104	8-719-991-33	DIODE 1SS133T-77

COIL

L102	1-410-470-11	INDUCTOR
L105	1-408-421-00	INDUCTOR

TRANSISTOR

Q101	8-729-119-78	TRANSISTOR 2SC2785-HFE
Q103	8-729-216-22	TRANSISTOR 2SA1162-G
Q104	8-729-216-22	TRANSISTOR 2SA1162-G
Q105	8-729-216-22	TRANSISTOR 2SA1162-G

RESISTOR

R101	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R102	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R103	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R104	1-216-045-00	METAL GLAZE	680	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R107	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R108	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R109	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R112	1-249-421-11	CARBON	2.2K	5%	1/4W
R113	1-216-097-91	METAL GLAZE	100K	5%	1/10W

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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AV**A**

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R114	1-216-121-91	METAL GLAZE	1M	5%	1/10W	C358	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
R115	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C359	1-126-933-11	ELECT	100MF	20%	16V
R116	1-216-073-00	METAL GLAZE	10K	5%	1/10W	C363	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
R117	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	C364	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
TUNER											
TU101 Δ	8-598-339-00	TUNER BTF-LA402				C365	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
A											
* A-1298-075-A	A BOARD, COMPLETE	(KV-35S26/37RS26)				C366	1-137-399-11	FILM	0.1MF	5%	50V
* A-1298-087-A	A BOARD, COMPLETE	(KV-35S36)				C367	1-137-399-11	FILM	0.1MF	5%	50V
* 4-051-927-01	CASE, SHIELD					C368	1-137-399-11	FILM	0.1MF	5%	50V
4-382-854-11	SCREW (M3X10), P, SW (+)					C369	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
CAPACITOR											
C001	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C370	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C003	1-104-760-11	CERAMIC CHIP	0.047MF	10%	50V	C371	1-163-141-00	CERAMIC CHIP	0.001MF	5%	50V
C005	1-126-960-11	ELECT	1MF	20%	50V	C372	1-126-959-11	ELECT	0.47MF	20%	50V
C009	1-126-967-11	ELECT	47MF	20%	50V	C373	1-126-960-11	ELECT	1MF	20%	50V
C010	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C376	1-126-964-11	ELECT	10MF	20%	50V
C012	1-216-033-00	METAL GLAZE	220	5%	1/10W	C377	1-137-399-11	FILM	0.1MF	5%	50V
C013	1-216-121-91	METAL GLAZE	1M	5%	1/10W	C378	1-136-244-11	FILM	0.1MF	5%	50V
C014	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C379	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C023	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C380	1-126-935-11	ELECT	470MF	20%	16V
C028	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C381	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C029	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V	C383	1-137-399-11	FILM	0.1MF	5%	50V
C030	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V	C385	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C035	1-163-237-11	CERAMIC CHIP	27PF	5%	50V	C386	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C036	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	C387	1-126-961-11	ELECT	2.2MF	20%	50V
C037	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C388	1-126-959-11	ELECT	0.47MF	20%	50V
C038	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C390	1-126-960-11	ELECT	1MF	20%	50V
C039	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C391	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C040	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C392	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C051	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C461	1-126-964-11	ELECT	10MF	20%	50V
C053	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C462	1-126-961-11	ELECT	2.2MF	20%	50V
C056	1-163-243-11	CERAMIC CHIP	47PF	5%	50V	C463	1-126-961-11	ELECT	2.2MF	20%	50V
C061	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C466	1-104-666-11	ELECT	220MF	20%	25V
C062	1-163-033-91	CERAMIC CHIP	0.022MF		50V	C468	1-104-664-11	ELECT	47MF	20%	25V
C063	1-126-935-11	ELECT	470MF	20%	16V	C470	1-126-961-11	ELECT	2.2MF	20%	50V
C071	1-164-096-11	CERAMIC	0.01MF		50V	C471	1-104-666-11	ELECT	220MF	20%	25V
C072	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C472	1-136-173-00	FILM	0.47MF	5%	50V
C075	1-107-823-11	CERAMIC CHIP	0.47MF	10%	16V	C473	1-136-169-00	FILM	0.22MF	5%	50V
C353	1-163-231-11	CERAMIC CHIP	15PF	5%	50V	C474	1-126-942-61	ELECT	1000MF	20%	25V
C354	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C475	1-136-169-00	FILM	0.22MF	5%	50V
C355	1-126-959-11	ELECT	0.47MF	20%	50V	C476	1-126-942-61	ELECT	1000MF	20%	25V
C356	1-126-963-11	ELECT	4.7MF	20%	50V	C477	1-126-942-61	ELECT	1000MF	20%	25V
C357	1-126-959-11	ELECT	0.47MF	20%	50V	C478	1-126-965-11	ELECT	22MF	20%	50V
						C479	1-126-961-11	ELECT	2.2MF	20%	50V
						C501	1-102-110-00	CERAMIC	220PF	10%	50V
						C502	1-126-959-11	ELECT	0.47MF	20%	50V
						C503	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
						C504	1-102-212-00	CERAMIC	820PF	10%	500V
						C505	1-102-002-00	CERAMIC	680PF	10%	500V
						C506	1-106-383-00	MYLAR	0.047MF	10%	200V
						C507 Δ	1-162-116-00	CERAMIC	680PF	10%	2KV

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		
C508	1-102-244-00	CERAMIC	220PF	10%	500V	C1110	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C509	1-162-116-00	CERAMIC	680PF	10%	2KV	C1111	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C510	1-137-150-11	MYLAR	0.01MF	10%	100V	C1112	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C511 Δ	1-115-460-11	FILM	0.022MF	3%	1.2KV	C1236	1-163-031-11	CERAMIC CHIP	0.01MF	(KV-35S26/37RS26 only)	
C513 Δ	1-129-720-00	FILM	0.033MF	5%	630V	C1237	1-136-161-00	FILM	0.047	5%	50V
			(KV-35S26/37RS26 only)						(KV-35S26/37RS26 only)		
C514 Δ	1-136-540-11	FILM	0.82MF	5%	200V	C1238	1-136-161-00	FILM	0.047	5%	50V
C515	1-106-343-00	MYLAR	0.001MF	10%	100V	C1239	1-126-960-11	ELECT	1MF	20%	50V
C516	1-115-461-11	FILM	2MF	5%	200V	C1240	1-126-960-11	ELECT	1MF	20%	50V
C517	1-107-649-11	ELECT	2.2MF	20%	250V	C1241	1-136-161-00	FILM	0.047MF	5%	50V
C518	1-106-395-00	MYLAR	0.15MF	10%	200V	C1242	1-126-960-11	ELECT	1MF	20%	50V
C519	1-162-815-11	CERAMIC	47PF	5%	500V	C1243	1-126-960-11	ELECT	1MF	20%	50V
C520	1-164-645-11	CERAMIC	1000PF	10%	500V	C1244	1-126-959-11	ELECT	0.47MF	20%	50V
C521	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C1245	1-126-959-11	ELECT	0.47MF	20%	50V
C522	1-126-960-11	ELECT	1MF	20%	50V	C1261	1-126-967-11	ELECT	47MF	20%	16V
C525	1-102-244-00	CERAMIC	220PF	10%	500V	C1262	1-126-967-11	ELECT	47MF	20%	16V
C526	1-107-662-11	ELECT	22MF	20%	250V	C1263	1-126-960-11	ELECT	1MF	20%	50V
C527	1-162-116-00	CERAMIC	680PF	10%	2KV	C1264	1-126-960-11	ELECT	1MF	20%	50V
C528	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	C1265	1-136-165-00	FILM	0.1MF	5%	50V
C529	1-128-551-11	ELECT	22MF	20%	25V	C1266	1-126-967-11	ELECT	47MF	20%	16V
C530	1-137-366-11	FILM	0.0022MF	5%	50V	C1267	1-136-161-00	FILM	0.047MF	5%	50V
C531	1-126-965-11	ELECT	22MF	20%	50V	C1268	1-126-960-11	ELECT	1MF	20%	50V
C532	1-126-965-11	ELECT	22MF	20%	50V	C1269	1-126-960-11	ELECT	1MF	20%	50V
C537	1-126-942-61	ELECT	1000MF	20%	25V	C1270	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C539 Δ	1-107-914-11	ELECT	1000MF	20%	25V	C1351	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C540	1-123-024-21	ELECT	33MF		160V	C1352	1-126-933-11	ELECT	100MF	20%	16V
C541	1-128-560-11	ELECT	22MF	20%	100V	C1353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C542	1-106-383-00	MYLAR	0.047MF	10%	200V	C1354	1-216-295-91	CONDUCTOR, CHIP	(2012)	(KV-35S26/37RS26 only)	
C543	1-162-131-11	CERAMIC	220PF	10%	2KV	C1401	1-126-959-11	ELECT	0.47MF	20%	50V
C545	1-106-387-00	MYLAR	0.068MF	10%	200V	C1402	1-126-964-11	ELECT	10MF	20%	50V
C546	1-106-343-00	MYLAR	0.001MF	10%	100V	C1403	1-126-959-11	ELECT	0.47MF	20%	50V
C547	1-106-343-00	MYLAR	0.001MF	10%	100V	C1404	1-165-319-11	CERAMIC CHIP	0.1MF		50V
C551	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V	C1405	1-165-319-11	CERAMIC CHIP	0.1MF		50V
C561	1-126-967-11	ELECT	47MF	20%	50V	C1406	1-165-319-11	CERAMIC CHIP	0.1MF		50V
C563	1-126-923-11	ELECT	220MF	20%	10V	C1407	1-165-319-11	CERAMIC CHIP	0.1MF		50V
C564	1-126-960-11	ELECT	1MF	20%	50V						
C565	1-126-969-11	ELECT	220MF	20%	50V						
C566	1-126-964-11	ELECT	10MF	20%	50V						
C568	1-136-169-00	FILM	0.22MF	5%	50V						
C571	1-104-664-11	ELECT	47MF	20%	25V						
C1002	1-126-964-11	ELECT	10MF	20%	50V						
C1101	1-126-768-11	ELECT	2200MF	20%	16V						
C1103	1-126-965-11	ELECT	22MF	20%	50V						
C1104	1-126-967-11	ELECT	47MF	20%	16V						
C1105	1-126-967-11	ELECT	47MF	20%	16V						
C1106	1-126-964-11	ELECT	10MF	20%	50V						
C1107	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V						
C1108	1-126-960-11	ELECT	1MF	20%	50V						
C1109	1-126-964-11	ELECT	10MF	20%	50V						

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<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		
C1408	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	D503	8-719-945-80	DIODE ERC06-15S			
C1409	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	D504	8-719-900-26	DIODE ERD29-08J			
C1410	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	D505	8-719-908-03	DIODE GP08D			
C1411	1-164-161-11	CERAMIC CHIP	0.0022MF	10%	50V	D506	8-719-908-03	DIODE GP08D			
C1412	1-126-961-11	ELECT	2.2MF	20%	50V	D507	8-719-991-33	DIODE 1SS133T-77			
C1413	1-126-961-11	ELECT	2.2MF	20%	50V	D515	8-719-302-43	DIODE EL1Z			
C1414	1-164-489-11	CERAMIC CHIP	0.22MF	10%	16V	D516	8-719-991-33	DIODE 1SS133T-77			
C1415	1-126-965-11	ELECT	22MF	20%	50V	D518	8-719-991-33	DIODE 1SS133T-77			
C1416	1-126-933-11	ELECT	100MF	20%	16V	D519 Δ	8-719-302-43	DIODE EL1Z			
C1417	1-126-767-11	ELECT	1000MF	20%	16V	D520	8-719-991-33	DIODE 1SS133T-77			
C1420	1-164-005-11	CERAMIC CHIP	0.47MF		25V	D521	8-719-921-63	DIODE MTZJ-7.5B			
<u>FILTER BLOCK</u>											
CM305	1-467-554-21	FILTER BLOCK, COMB (KV-35S26/37RS26 only)				D530	8-719-979-85	DIODE EGP20G			
<u>CONNECTOR</u>											
CN270	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P (KV-35S36 only)				D531	8-719-979-85	DIODE EGP20G			
CN271	1-573-978-21	CONNECTOR, BOARD TO BOARD 11P (KV-35S36 only)				D534	8-719-302-43	DIODE EL1Z			
CN351	* 1-564-509-11	PLUG, CONNECTOR 6P				D535	8-719-028-72	DIODE RGP02-17EL-6433			
CN461	* 1-564-507-11	PLUG, CONNECTOR 4P				D561	8-719-908-03	DIODE GP08D			
CN501	* 1-580-798-11	CONNECTOR PIN (DY) 6P				D562	8-719-991-33	DIODE 1SS133T-77			
CN502	* 1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P				D1102	8-719-982-24	DIODE MTZJ-33A			
CN503	* 1-564-507-11	PLUG, CONNECTOR 4P				D1103	8-719-109-89	DIODE RD5.6ESB2			
CN1001	* 1-564-512-11	PLUG, CONNECTOR 9P				D1247	8-719-110-17	DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)			
CN1101	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P (KV-35S36 only)				D1248	8-719-981-99	DIODE MTZJ-T-77-3.3			
CN1103	1-573-979-21	CONNECTOR, BOARD TO BOARD 11P				D1261	8-719-110-17	DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)			
CN1231	1-564-511-11	PLUG, CONNECTOR 8P				D1262	8-719-110-17	DIODE MTZJ-T-77-10B (KV-35S26/37RS26 only)			
CN1641	* 1-564-515-11	PLUG, CONNECTOR 12P				D1263	8-719-110-17	DIODE RD10ESB2			
CN1941	1-564-511-11	PLUG, CONNECTOR 8P				D1264	8-719-110-17	DIODE RD10ESB2			
CN3001	1-573-298-11	CONNECTOR, BOARD TO BOARD 20P				<u>FERRITE BEAD</u>					
<u>DIODE</u>											
D001	8-719-991-33	DIODE 1SS133T-77				FB501	1-410-396-41	FERRITE BEAD INDUCTOR 0.45UH			
D002	8-719-109-89	DIODE RD5.6ESB2				FB502	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH			
D003	8-719-991-33	DIODE 1SS133T-77				FB503	1-410-397-21	FERRITE BEAD INDUCTOR 1.1UH			
D004	8-719-110-17	DIODE RD10ESB2				<u>IC</u>					
D011	8-719-983-14	DIODE MTZJ-T-77-3.9				IC001	8-752-880-88	IC CXPB85840-002S			
D013	8-719-991-33	DIODE 1SS133T-77				IC002	8-759-354-28	IC ST24C02FM6TR			
D014	8-719-991-33	DIODE 1SS133T-77				IC351	8-752-076-76	IC CXA2025AS			
D015	8-719-991-33	DIODE 1SS133T-77				IC461	8-759-980-43	IC TDA2009A			
D353	8-719-991-33	DIODE 1SS133T-77				IC501	8-759-700-07	IC NJM2903M			
D356	8-719-991-33	DIODE 1SS133T-77				IC561	8-759-192-71	IC STV9379			
D360	8-719-110-17	DIODE RD10ESB2				IC1001	8-752-058-68	IC CXA1315M			
D362	8-719-991-33	DIODE 1SS133T-77				IC1261	8-759-366-78	IC MM13313AD (KV-35S26/37RS26 only)			
D368	8-719-991-33	DIODE 1SS133T-77				IC1401	8-759-369-39	IC BH3856FS-E2			
D462	8-719-991-33	DIODE 1SS133T-77				IC1402	8-759-100-96	IC UPC4558G2			
D501	8-719-109-89	DIODE RD5.6ESB2				<u>JACK</u>					
D502	8-719-945-80	DIODE ERC06-15S				J1232	1-774-751-11	TERMINAL BLOCK, S 3P (KV-35S26/37RS26)			
						J1233	1-774-749-11	JACK BLOCK, PIN 3P (KV-35S26/37RS26)			
						J1234	1-774-750-11	JACK BLOCK PIN 2P (KV-35S26/37RS26)			

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK		
CHIP CONDUCTOR									
JR001	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q354	8-729-422-27	TRANSISTOR 2SD601A-Q			
JR163	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q356	8-729-216-22	TRANSISTOR 2SA1162-G			
JR1351	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q357	8-729-422-27	TRANSISTOR 2SD601A-Q			
JR1352	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q358	8-729-422-27	TRANSISTOR 2SD601A-Q			
JR4101	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q461	8-729-422-27	TRANSISTOR 2SD601A-Q			
JR4108	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q462	8-729-216-22	TRANSISTOR 2SA1162-G			
JR4110	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q501	8-729-140-50	TRANSISTOR 2SC3209LK			
JR4114	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q502 Δ	8-729-035-75	TRANSISTOR 2SC5148(LBSONY)			
JR4116	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q511 Δ	8-729-422-27	TRANSISTOR 2SD601A-Q			
JR4120	1-216-295-91	CONDUCTOR, CHIP	(2012)	Q512 Δ	8-729-809-29	TRANSISTOR 2SC4159-E			
COIL									
L001	1-408-421-00	INDUCTOR	100UH	Q551	8-729-216-22	TRANSISTOR 2SA1162-G			
L002	1-408-421-00	INDUCTOR	100UH	Q552	8-729-422-27	TRANSISTOR 2SD601A-Q			
L003	1-410-470-11	INDUCTOR	10UH	Q561	8-729-422-27	TRANSISTOR 2SD601A-Q			
L004	1-410-470-11	INDUCTOR	10UH	Q562	8-729-422-27	TRANSISTOR 2SD601A-Q			
L352	1-412-537-31	INDUCTOR	100UH	Q563	8-729-105-08	TRANSISTOR 2SA1330-O6			
L461	1-408-425-00	INDUCTOR	220UH	Q1102	8-729-119-78	TRANSISTOR 2SC2785-HFE			
L501 Δ	1-409-861-11	COIL, HORIZONTAL LINEARITY		Q1103	8-729-422-27	TRANSISTOR 2SD601A-Q			
L502	1-412-552-11	INDUCTOR	2.2MMH	Q1231	8-729-422-27	TRANSISTOR 2SD601A-Q			
L503	1-406-677-11	COIL, CHOKE	10MMH	Q1232	8-729-422-27	TRANSISTOR 2SD601A-Q			
L511	1-406-607-11	COIL, CHOKE	15MMH	Q1261	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX	(KV-35S26/37RS26 only)		
L517	1-412-552-11	INDUCTOR	2.2MMH	Q1262	8-729-216-22	TRANSISTOR 2SB709A-QRS-TX	(KV-35S26/37RS26 only)		
L541	1-406-677-11	COIL, CHOKE	10MMH	Q1263	8-729-422-27	TRANSISTOR 2SD601A-QRS-TX	(KV-35S26/37RS26 only)		
L1101	1-408-421-00	INDUCTOR	100UH	RESISTOR					
L1102	1-410-470-11	INDUCTOR	10UH	R001	1-216-045-00	METAL GLAZE	680	5%	1/10W
L1401	1-410-494-11	INDUCTOR	1MMH	R002	1-247-815-91	CARBON	220	5%	1/4W
IC LINK									
PS461 Δ	1-532-984-11	LINK, IC 2A/90V		R003	1-216-097-91	METAL GLAZE	100K	5%	1/10W
TRANSISTOR									
Q001	8-729-216-22	TRANSISTOR 2SA1162-G		R004	1-216-121-91	METAL GLAZE	1M	5%	1/10W
Q002	8-729-422-27	TRANSISTOR 2SD601A-Q		R005	1-247-815-91	CARBON	220	5%	1/4W
Q003	8-729-422-27	TRANSISTOR 2SD601A-Q		R006	1-247-815-91	CARBON	220	5%	1/4W
Q004	8-729-216-22	TRANSISTOR 2SA1162-G		R007	1-216-073-00	METAL GLAZE	10K	5%	1/10W
Q010	8-729-422-27	TRANSISTOR 2SD601A-Q		R008	1-247-815-91	CARBON	220	5%	1/4W
Q011	8-729-422-27	TRANSISTOR 2SD601A-Q		R009	1-216-073-00	METAL GLAZE	10K	5%	1/10W
Q012	8-729-422-27	TRANSISTOR 2SD601A-Q		R010	1-216-037-00	METAL GLAZE	330	5%	1/10W
Q013	8-729-422-27	TRANSISTOR 2SD601A-Q		R011	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
Q014	8-729-422-27	TRANSISTOR 2SD601A-Q		R012	1-216-033-00	METAL GLAZE	220	5%	1/10W
Q015	8-729-422-27	TRANSISTOR 2SD601A-Q		R013	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
Q016	8-729-422-27	TRANSISTOR 2SD601A-Q		R014	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
Q017	8-729-216-22	TRANSISTOR 2SA1162-G		R015	1-216-073-00	METAL GLAZE	10K	5%	1/10W
Q301	8-729-216-22	TRANSISTOR 2SA1162-G		R016	1-216-073-00	METAL GLAZE	10K	5%	1/10W
Q302	8-729-216-22	TRANSISTOR 2SA1162-G		R019	1-249-425-11	CARBON	4.7K	5%	1/4W
Q303	8-729-216-22	TRANSISTOR 2SA1162-G		R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
				R022	1-249-429-11	CARBON	10K	5%	1/4W
				R023	1-216-089-91	METAL GLAZE	47K	5%	1/10W
				R025	1-163-010-11	CERAMIC CHIP	0.0012MF	10%	50V
				R026	1-163-038-91	CERAMIC CHIP	0.1MF		25V

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R028	1-249-417-11	CARBON	1K	5%	1/4W	R083	1-249-429-11	CARBON	10K	5%	1/4W
R029	1-216-025-91	METAL GLAZE	100	5%	1/10W	R084	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R030	1-249-425-11	CARBON	4.7K	5%	1/4W	R087	1-247-815-91	CARBON	220	5%	1/4W
R031	1-247-815-91	CARBON	220	5%	1/4W	R090	1-216-033-00	METAL GLAZE	220	5%	1/10W
R032	1-247-815-91	CARBON	220	5%	1/4W	R092	1-249-429-11	CARBON	10K	5%	1/4W
R034	1-247-815-91	CARBON	220	5%	1/4W	R097	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R035	1-247-815-91	CARBON	220	5%	1/4W	R099	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R036	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R131	1-216-035-00	METAL GLAZE	270	5%	1/10W
R037	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R132	1-216-115-00	METAL GLAZE	560K	5%	1/10W
R038	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R133	1-216-039-00	METAL GLAZE	390	5%	1/10W
R039	1-247-807-31	CARBON	100	5%	1/4W	R135	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R040	1-247-815-91	CARBON	220	5%	1/4W	R136	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R041	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R137	1-216-033-00	METAL GLAZE	220	5%	1/10W
R042	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R311	1-216-295-91	CONDUCTOR CHIP (2012)			(KV-35S26/37RS26 only)
R043	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R312	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R044	1-216-049-91	METAL GLAZE	1K	5%	1/10W						(KV-35S26/37RS26 only)
R045	1-247-815-91	CARBON	220	5%	1/4W	R313	1-216-295-91	CONDUCTOR CHIP (2012)			(KV-35S26/37RS26 only)
R046	1-247-815-91	CARBON	220	5%	1/4W	R314	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R047	1-249-417-11	CARBON	1K	5%	1/4W						(KV-35S26/37RS26 only)
R048	1-249-417-11	CARBON	1K	5%	1/4W	R353	1-208-786-11	METAL GLAZE	1.5K	0.50%	1/10W
R049	1-249-417-11	CARBON	1K	5%	1/4W	R354	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R050	1-247-815-91	CARBON	220	5%	1/4W	R355	1-216-033-00	METAL GLAZE	220	5%	1/10W
R051	1-247-815-91	CARBON	220	5%	1/4W	R356	1-216-033-00	METAL GLAZE	220	5%	1/10W
R052	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R358	1-247-815-91	CARBON	220	5%	1/4W
R053	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R359	1-247-815-91	CARBON	220	5%	1/4W
R054	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R360	1-247-815-91	CARBON	220	5%	1/4W
R055	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R361	1-216-025-91	METAL GLAZE	100	5%	1/10W
R056	1-216-033-00	METAL GLAZE	220	5%	1/10W	R362	1-216-025-91	METAL GLAZE	100	5%	1/10W
R057	1-249-417-11	CARBON	1K	5%	1/4W	R363	1-216-025-91	METAL GLAZE	100	5%	1/10W
R058	1-216-033-00	METAL GLAZE	220	5%	1/10W	R364	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R064	1-247-815-91	CARBON	220	5%	1/4W	R365	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R065	1-247-815-91	CARBON	220	5%	1/4W	R366	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R066	1-247-815-91	CARBON	220	5%	1/4W	R367	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R067	1-249-413-11	CARBON	470	5%	1/4W	R368	1-249-441-11	CARBON	100K	5%	1/4W
R068	1-247-815-91	CARBON	220	5%	1/4W	R369	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R069	1-247-815-91	CARBON	220	5%	1/4W	R370	1-249-417-11	CARBON	1K	5%	1/4W
R070	1-247-815-91	CARBON	220	5%	1/4W	R371	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R071	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R372	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R072	1-216-033-00	METAL GLAZE	220	5%	1/10W	R373	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R073	1-216-033-00	METAL GLAZE	220	5%	1/10W	R374	1-216-125-00	METAL GLAZE	1.5M	5%	1/10W
R074	1-216-033-00	METAL GLAZE	220	5%	1/10W	R375	1-216-025-91	METAL GLAZE	100	5%	1/10W
R075	1-216-033-00	METAL GLAZE	220	5%	1/10W	R376	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R076	1-216-033-00	METAL GLAZE	220	5%	1/10W	R379	1-216-033-00	METAL GLAZE	220	5%	1/10W
R077	1-216-033-00	METAL GLAZE	220	5%	1/10W	R380	1-247-815-91	CARBON	220	5%	1/4W
R078	1-249-417-11	CARBON	1K	5%	1/4W	R381	1-247-815-91	CARBON	220	5%	1/4W
R079	1-216-033-00	METAL GLAZE	220	5%	1/10W	R382	1-216-033-00	METAL GLAZE	220	5%	1/10W
R080	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R383	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R081	1-216-025-91	METAL GLAZE	100	5%	1/10W	R384	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R082	1-216-025-91	METAL GLAZE	100	5%	1/10W						



Note:

The components identified by **☒** in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

Note:

The components identified by shading and mark **△** are critical for safety. Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R385	1-249-422-11	CARBON	2.7K	5%	1/4W	R507	1-249-401-11	CARBON	47	5%	1/4W
R386	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R508	1-249-427-11	CARBON	6.8K	5%	1/4W
R387	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R509	1-247-750-11	CARBON	680	5%	1/2W F
R388	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R510 △	1-215-860-11	METAL OXIDE	33	5%	1W F
R389	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	R511 △	1-215-886-11	METAL OXIDE	100	5%	2W F
R390	1-216-035-00	METAL GLAZE	270	5%	1/10W	R512 △	1-215-886-11	METAL OXIDE	100	5%	2W F
R391	1-208-810-11	METAL GLAZE	15K	0.50%	1/10W	R515	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R392	1-216-025-91	METAL GLAZE	100	5%	1/10W	R516	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R393	1-216-043-91	METAL GLAZE	560	5%	1/10W	R517	1-249-415-11	CARBON	680	5%	1/4W
R394	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	R518	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R395	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R519	1-249-411-11	CARBON	330	5%	1/4W
R396	1-249-417-11	CARBON	1K	5%	1/4W	R523	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R397	1-249-425-11	CARBON	4.7K	5%	1/4W	R524	1-249-429-11	CARBON	10K	5%	1/4W
R461	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R525	1-216-071-00	METAL GLAZE	8.2K	5%	1/10W
R462	1-216-089-91	METAL GLAZE	47K	5%	1/10W	R528	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R463	1-249-435-11	CARBON	33K	5%	1/4W	R529	1-208-812-11	METAL GLAZE	18K	0.50%	1/10W
R464	1-216-097-91	METAL GLAZE	100K	5%	1/10W	☒ R530 △	METAL GLAZE				1/10W
R465	1-249-413-11	CARBON	470	5%	1/4W	☒ R531 △	METAL GLAZE				1/10W
R467	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R532	1-208-760-11	METAL GLAZE	120	0.50%	1/10W
			(KV-35S26/37RS26 only)			R533 △	1-215-878-00	METAL OXIDE	33K	5%	1W F
R467	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R535	1-216-101-00	METAL GLAZE	150K	5%	1/10W
			(KV-35S36 only)			R536 △	1-216-397-11	METAL OXIDE	4.7	5%	3W F
R469	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R537 △	1-216-470-00	METAL OXIDE	18	5%	3W F
			(KV-35S26/37RS26 only)			R538	1-247-887-00	CARBON	220K	5%	1/4W
R469	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R541	1-249-377-11	CARBON	0.47	5%	1/4W F
			(KV-35S36 only)			R542 △	1-249-397-11	CARBON	22	5%	1/4W F
R471	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R543	1-249-377-11	CARBON	0.47	5%	1/4W F
			(KV-35S26/37RS26 only)			R546	1-215-451-00	METAL	18K	1%	1/4W
R471	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	R547	1-215-457-00	METAL	33K	1%	1/4W
			(KV-35S36 only)			R548 △	1-215-872-11	METAL OXIDE	3.3K	5%	1W F
R472	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	R549	1-215-437-00	METAL	4.7K	1%	1/4W
			(KV-35S26/37RS26 only)			R550 △	1-249-377-11	CARBON	0.47	5%	1/4W F
R472	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R551	1-215-873-00	METAL OXIDE	4.7K	5%	1W F
			(KV-35S36 only)			R552	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R473	1-249-398-11	CARBON	27	5%	1/4W	☒ R553 △	1-249-377-11	CARBON	0.47	5%	1/4W F
R475	1-249-430-11	CARBON	12K	5%	1/4W	R554	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R476	1-249-430-11	CARBON	12K	5%	1/4W	R561	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R477	1-249-398-11	CARBON	27	5%	1/4W	R563 △	1-216-351-00	METAL OXIDE	1.5	5%	1W F
R478	1-249-418-11	CARBON	1.2K	5%	1/4W F	R564	1-249-393-11	CARBON	10	5%	1/4W
R479	1-249-418-11	CARBON	1.2K	5%	1/4W F	R565 △	1-215-890-11	METAL OXIDE	470	5%	2W F
R480	1-249-385-11	CARBON	2.2	5%	1/4W F	R566	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R481	1-249-385-11	CARBON	2.2	5%	1/4W F	R567 △	1-249-385-11	CARBON	2.2	5%	1/4W F
R482	1-249-421-11	CARBON	2.2K	5%	1/4W	R568	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R483	1-249-421-11	CARBON	2.2K	5%	1/4W	R569	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R501	1-216-037-00	METAL GLAZE	330	5%	1/10W	R570	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R502	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	R571	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R503	1-249-426-11	CARBON	5.6K	5%	1/4W F	R572	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R504 △	1-215-917-11	METAL OXIDE	1K	5%	3W F	R573	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R505	1-249-431-11	CARBON	15K	5%	1/4W	R574 △	1-216-365-00	METAL OXIDE	0.47	5%	2W F
R506	1-215-861-00	METAL OXIDE	47	5%	1W F						

Note:

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and mark Δ are critical for safety.
Replace only with part number specified.

Note:

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une marque Δ sont critiques pour la
sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

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REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R575	1-216-113-00	METAL GLAZE	470K	5%	1/10W	R1248	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R576	1-216-073-00	METAL GLAZE	10K	5%	1/10W						(KV-35S26/37RS26 only)
R577	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R1249	1-216-022-00	METAL GLAZE	75	5%	1/10W
R578	1-208-784-11	METAL GLAZE	1.2K	0.50%	1/10W						(KV-35S26/37RS26 only)
R579	1-208-842-11	METAL GLAZE	330K	0.50%	1/10W	R1250	1-216-113-00	METAL GLAZE	470K	5%	1/10W
											(KV-35S26/37RS26 only)
R580	1-249-441-11	CARBON	100K	5%	1/4W	R1251	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R1001	1-247-807-31	CARBON	100	5%	1/4W						(KV-35S26/37RS26 only)
R1002	1-247-807-31	CARBON	100	5%	1/4W	R1252	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R1005	1-216-073-00	METAL GLAZE	10K	5%	1/10W						(KV-35S26/37RS26 only)
R1101	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R1253	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
											(KV-35S26/37RS26 only)
R1102	1-215-900-11	METAL OXIDE	22K	5%	2W F	R1254	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R1103	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W						(KV-35S26/37RS26 only)
R1104	1-216-083-00	METAL GLAZE	27K	5%	1/10W	R1255	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1105	1-216-689-11	METAL GLAZE	39K	5%	1/10W						(KV-35S26/37RS26 only)
R1106	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R1255	1-216-295-91	CONDUCTOR CHIP	(2012)		(KV-35S36 only)
						R1256	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R1107	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W						(KV-35S26/37RS26 only)
R1108	1-216-073-00	METAL GLAZE	10K	5%	1/10W	R1257	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R1109	1-216-019-00	METAL GLAZE	56	5%	1/10W						(KV-35S26/37RS26 only)
R1110	1-216-019-00	METAL GLAZE	56	5%	1/10W	R1258	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R1111	1-216-019-00	METAL GLAZE	56	5%	1/10W	R1259	1-216-097-91	METAL GLAZE	100K	5%	1/10W
						R1260	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R1115	1-216-045-00	METAL GLAZE	680	5%	1/10W	R1261	1-216-033-00	METAL GLAZE	220	5%	1/10W
R1117	1-249-425-11	CARBON	4.7K	5%	1/4W						(KV-35S26/37RS26 only)
R1118	1-249-425-11	CARBON	4.7K	5%	1/4W	R1262	1-216-025-91	METAL GLAZE	100	5%	1/10W
R1120	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W						(KV-35S26/37RS26 only)
R1121	1-216-035-00	METAL GLAZE	270	5%	1/10W	R1263	1-216-033-00	METAL GLAZE	220	5%	1/10W
											(KV-35S26/37RS26 only)
R1122	1-216-115-00	METAL GLAZE	560K	5%	1/10W	R1264	1-216-025-91	METAL GLAZE	100	5%	1/10W
R1123	1-216-039-00	METAL GLAZE	390	5%	1/10W						(KV-35S26/37RS26 only)
R1125	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R1265	1-216-033-00	METAL GLAZE	220	5%	1/10W
R1126	1-216-035-00	METAL GLAZE	270	5%	1/10W						(KV-35S26/37RS26 only)
R1127	1-216-115-00	METAL GLAZE	560K	5%	1/10W	R1266	1-216-025-91	METAL GLAZE	100	5%	1/10W
											(KV-35S26/37RS26 only)
R1128	1-216-039-00	METAL GLAZE	390	5%	1/10W	R1267	1-216-295-91	CONDUCTOR CHIP	(2012)		(KV-35S26/37RS26 only)
R1130	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	R1268	1-216-025-91	METAL GLAZE	100	55	1/10W
R1234	1-249-441-11	CARBON	100K	5%	1/4W						(KV-35S26/37RS26 only)
						R1270	1-216-025-91	METAL GLAZE	100	55	1/10W
R1240	1-216-022-00	METAL GLAZE	75	5%	1/10W						(KV-35S26/37RS26 only)
						R1273	1-216-033-00	METAL GLAZE	220	5%	1/10W
R1241	1-216-022-00	METAL GLAZE	75	5%	1/10W						(KV-35S26/37RS26 only)
						R1274	1-216-025-91	METAL GLAZE	100	55	1/10W
R1242	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W						(KV-35S26/37RS26 only)
						R1277	1-247-815-91	CARBON	220	5%	1/4W
R1243	1-249-441-11	CARBON	100K	5%	1/4W						(KV-35S26/37RS26 only)
						R1278	1-247-815-91	CARBON	220	5%	1/4W
R1244	1-216-022-00	METAL GLAZE	75	5%	1/10W						(KV-35S26/37RS26 only)
						R1279	1-216-025-91	METAL GLAZE	100	55	1/10W
R1245	1-216-113-00	METAL GLAZE	470K	5%	1/10W						(KV-35S26/37RS26 only)
						R1280	1-216-025-91	METAL GLAZE	100	55	1/10W
R1246	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W						(KV-35S26/37RS26 only)
						R1281	1-216-025-91	METAL GLAZE	100	55	1/10W
R1247	1-216-113-00	METAL GLAZE	470K	5%	1/10W						(KV-35S26/37RS26 only)
						R1282	1-216-025-91	METAL GLAZE	100	55	1/10W

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REF.NO.	PART NO.	DESCRIPTION	REMARK			REF.NO.	PART NO.	DESCRIPTION	REMARK		
R1282	1-216-025-91	METAL GLAZE	100	55	1/10W	R1413	1-216-089-91	METAL GLAZE	47K	5%	1/10W
			(KV-35S26/37RS26 only)			R1414	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R1283	1-247-791-91	CARBON	22	5%	1/4W	R1415	1-216-025-91	METAL GLAZE	100	5%	1/10W
			(KV-35S26/37RS26 only)			R1418	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R1284	1-247-807-31	CARBON	100	5%	1/4W				(KV-35S26/37RS26 only)		
			(KV-35S26/37RS26 only)			R1418	1-216-093-00	METAL GLAZE	68K	5%	1/10W
			(KV-35S26/37RS26 only)			R1419	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R1287	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R1420	1-216-089-91	METAL GLAZE	47K	5%	1/10W
			(KV-35S26/37RS26 only)			R1421	1-216-025-91	METAL GLAZE	100	5%	1/10W
R1288	1-247-807-31	CARBON	100	5%	1/4W	R1424	1-247-807-31	CARBON	100	5%	1/4W
			(KV-35S26/37RS26 only)			R1425	1-247-807-31	CARBON	100	5%	1/4W
R1290	1-216-041-00	METAL GLAZE	470	5%	1/10W				SWITCH		
			(KV-35S26/37RS26 only)			S501	1-572-707-11	SWITCH, LEVER			
R1291	1-216-045-00	METAL GLAZE	680	5%	1/10W				TRANSFORMER		
			(KV-35S26/37RS26 only)			T501	1-437-210-11	TRANSFORMER, HORIZONTAL DRIVE			
R1292	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	T502 Δ	1-429-408-11	TRANSFORMER, FERRITE (PMT)			
			(KV-35S26/37RS26 only)			T503 Δ	1-439-520-11	TRANSFORMER ASSY, FLYBACK			
R1293	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	T504	1-413-059-00	TRANSFORMER, FERRITE (DFT)			
			(KV-35S26/37RS26 only)						TUNER		
R1294	1-216-049-91	METAL GLAZE	1K	5%	1/10W	TU102 Δ	8-598-340-00	TUNER, FSS BTF-WA404			
R1295	1-216-049-91	METAL GLAZE	1K	5%	1/10W				CRYSTAL		
R1297	1-216-025-91	METAL GLAZE	100	5%	1/10W	X001	1-578-774-11	VIBRATOR, CRYSTAL			
			(KV-35S26/37RS26 only)			X353	1-567-505-11	OSCILLATOR, CRYSTAL			
R1351	1-247-815-91	CARBON	220	5%	1/4W	X354	1-577-611-11	OSCILALTOR, CERAMIC			
R1352	1-247-815-91	CARBON	220	5%	1/4W				G		
R1353	1-247-815-91	CARBON	220	5%	1/4W				—		
R1354	1-216-033-00	METAL GLAZE	220	5%	1/10W	* A-1316-262-A	G BOARD, COMPLETE				
R1355	1-216-025-91	METAL GLAZE	100	5%	1/10W				4-382-854-11 SCREW (M3X10), P, SW (+)		
R1356	1-216-025-91	METAL GLAZE	100	5%	1/10W				CAPACITOR		
R1357	1-216-025-91	METAL GLAZE	100	5%	1/10W	C601	1-130-711-00	FILM	0.22MF	20%	250V
R1358	1-247-807-31	CARBON	100	5%	1/4W	C603 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V
R1359	1-216-025-91	METAL GLAZE	100	5%	1/10W	C604 Δ	1-136-346-21	FILM	0.22MF	20%	125V
R1360	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	C605 Δ	1-136-346-21	FILM	0.22MF	20%	125V
R1361	1-216-062-00	METAL GLAZE	3.6K	5%	1/10W	C606 Δ	1-115-388-11	ELECT	560MF	20%	200V
R1362	1-216-295-91	CONDUCTOR, CHIP	(2012)			C607 Δ	1-115-388-11	ELECT	560MF	20%	200V
R1402	1-249-429-11	CARBON	10K	5%	1/4W	C608	1-164-625-11	CERAMIC	680PF	10%	500V
			(KV-35S26/37RS26 only)			C609	1-136-173-00	FILM	0.47MF	5%	50V
R1404	1-249-429-11	CARBON	10K	5%	1/4W	C610	1-136-173-00	FILM	0.47MF	5%	50V
			(KV-35S26/37RS26 only)			C611	1-136-169-00	FILM	0.22MF	5%	50V
R1407	1-216-073-00	METAL GLAZE	10K	5%	1/10W						
R1408	1-249-429-11	CARBON	10K	5%	1/4W						
			(KV-35S36 only)								
R1409	1-249-429-11	CARBON	10K	5%	1/4W						
			(KV-35S36 only)								
R1411	1-216-073-00	METAL GLAZE	10K	5%	1/10W						
R1412	1-216-081-00	METAL GLAZE	22K	5%	1/10W						
			(KV-35S26/37RS26 only)								
R1412	1-216-093-00	METAL GLAZE	68K	5%	1/10W						
			(KV-35S36 only)								

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numero spécifie.



<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>			<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		
C612	1-136-169-00	FILM	0.22MF	5%	50V			<u>FUSE</u>			
C613	1-164-645-11	CERAMIC	1000PF	10%	500V	F601 Δ	1-533-223-11	HOLDER, FUSE			
C614	1-164-645-11	CERAMIC	1000PF	10%	500V	F601	1-576-193-11	FUSE 6.3A/125V			
C615	1-136-759-11	FILM	0.039MF	5%	630V			<u>FERRITE BEAD</u>			
C617 Δ	1-113-915-11	CERAMIC	0.001MF	20%	250V	FB601	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C641	1-126-943-11	ELECT	2200MF	20%	25V	FB602	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C642	1-126-767-11	ELECT	1000MF	20%	16V	FB641	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C643	1-107-641-11	ELECT	220MF	20%	160V	FB642	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C646	1-126-933-11	ELECT	100MF	20%	16V	FB643	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C647	1-128-551-11	ELECT	22MF	20%	25V	FB644	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C648	1-126-933-11	ELECT	100MF	20%	16V	FB645	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C651	1-137-366-11	FILM	0.0022MF	5%	50V	FB646	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C652	1-106-351-00	MYLAR	0.0022MF	99%	200V	FB647	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C653	1-107-636-11	ELECT	10MF	20%	160V	FB648	1-410-397-21	FERRITE BEAD INDUCTOR	1.1UH		
C654	1-164-625-11	CERAMIC	680PF	10%	500V			<u>IC</u>			
C655	1-164-625-11	CERAMIC	680PF	10%	500V	IC641	8-749-920-58	IC SI-3090CA			
C656	1-164-625-11	CERAMIC	680PF	10%	500V	IC642	8-759-701-56	IC NJM78M05FA			
C657	1-164-625-11	CERAMIC	680PF	10%	500V	IC643	8-749-012-13	IC DM-58			
C661	1-126-963-11	ELECT	4.7MF	20%	50V			<u>CONNECTOR</u>			
C690	1-164-645-11	CERAMIC	1000PF	10%	500V	L642	1-412-529-11	INDUCTOR	22UH		
C691	1-164-645-11	CERAMIC	1000PF	10%	500V	L643	1-412-525-31	INDUCTOR	10UH		
								<u>COIL</u>			
CN601 *	1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P									
CN602 *	1-580-844-11	PIN, CONNECTOR (POWER) 2P									
CN603 *	1-573-963-11	PIN, CONNECTOR (PC BOARD) 3P									
CN641 *	1-564-515-11	PLUG, CONNECTOR 12P									
								<u>TRANSISTOR</u>			
D601	8-719-911-19	DIODE 1SS119-25				Q601 Δ	8-729-019-49	TRANSISTOR 2SC4834M			
D602 Δ	8-719-510-53	DIODE D4SB60L				Q602 Δ	8-729-019-49	TRANSISTOR 2SC4834M			
D603	8-719-911-19	DIODE 1SS119-25				Q644	8-729-119-78	TRANSISTOR 2SC2785-HFE			
D604	8-719-911-19	DIODE 1SS119-25				Q645	8-729-119-76	TRANSISTOR 2SA1175-HFE			
D605	8-719-911-19	DIODE 1SS119-25				Q646	8-729-119-78	TRANSISTOR 2SC2785-HFE			
								<u>DIODE</u>			
D606	8-719-911-19	DIODE 1SS119-25									
D607	8-719-911-19	DIODE 1SS119-25				R603 Δ	1-219-512-11	RESISTOR (SURGE RESISTANT)	2.2M		
D608	8-719-911-19	DIODE 1SS119-25				R605	1-247-893-11	CARBON	390K	5%	1/4W
D609	8-719-911-19	DIODE 1SS119-25				R606	1-247-893-11	CARBON	390K	5%	1/4W
D610	8-719-911-19	DIODE 1SS119-25				R607 Δ	1-202-933-61	FUSIBLE	0.1	10%	1/2W F
D615	8-719-028-45	DIODE D2L20U				R608 Δ	1-216-372-11	METAL OXIDE	1.8	5%	2W F
D641	8-719-052-40	DIODE RBA-1004B									
D643	8-719-028-45	DIODE D2L20U				R609	1-247-791-91	CARBON	22	5%	1/4W
D644	8-719-028-45	DIODE D2L20U				R610	1-247-791-91	CARBON	22	5%	1/4W
D645	8-719-028-45	DIODE D2L20U				R611 Δ	1-216-372-11	METAL OXIDE	1.8	5%	2W F
D646	8-719-510-12	DIODE D10SC4M				R612	1-247-887-00	CARBON	220K	5%	1/4W
D648	8-719-057-52	DIODE EZ0150AV1				R613	1-247-887-00	CARBON	220K	5%	1/4W
D649	8-719-510-02	DIODE D1NS4				R614	1-247-887-00	CARBON	220K	5%	1/4W
D650	8-719-510-02	DIODE D1NS4				R615	1-247-887-00	CARBON	220K	5%	1/4W
						R616	1-247-791-91	CARBON	22	5%	1/4W
						R617	1-247-791-91	CARBON	22	5%	1/4W
						R622	1-212-958-00	FUSIBLE	10	5%	1/2W F

G C

Note:

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Note:

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REF.NO.	PART NO.	DESCRIPTION	REMARK		
R623 Δ	1-205-943-11	WIREWOUND	1	5%	20W
R641	1-247-843-11	CARBON	3.3K	5%	1/4W
R642	1-247-843-11	CARBON	3.3K	5%	1/4W
R643	1-249-387-11	CARBON	3.3	5%	1/4W F
R644 Δ	1-215-882-00	METAL OXIDE	22	5%	2W F
R647	1-249-417-11	CARBON	1K	5%	1/4W
R648	1-247-887-00	CARBON	220K	5%	1/4W
R649	1-249-425-11	CARBON	4.7K	5%	1/4W F
R652	1-249-421-11	CARBON	2.2K	5%	1/4W
R661	1-249-413-11	CARBON	470	5%	1/4W F
R662	1-249-429-11	CARBON	10K	5%	1/4W
R663 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R664 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R665 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R666 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R667 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R668 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R670 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R671 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R672 Δ	1-249-377-11	CARBON	0.47	5%	1/4W F
R678	1-247-863-91	CARBON	22K	5%	1/4W
R679	1-247-863-91	CARBON	22K	5%	1/4W
R680	1-249-429-11	CARBON	10K	5%	1/4W
R681	1-249-407-11	CARBON	150	5%	1/4W

RELAY

RY601 Δ 1-755-018-11 RELAY

TRANSFORMER

T601 Δ 1-426-717-11 TRANSFORMER, LINE FILTER (LFT)
 T602 Δ 1-424-220-11 TRANSFORMER, LINE FILTER
 T603 Δ 1-427-864-11 TRANSFORMER, CONVERTER (PRT)
 T605 Δ 1-429-415-11 TRANSFORMER, CONVERTER (PIT)

THERMISTOR

THP601 Δ 1-809-539-11 THERMISTOR, POSITIVE

VARISTOR

VDR601 1-810-974-21 VARISTOR

REF.NO.	PART NO.	DESCRIPTION	REMARK
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C

* A-1331-522-A C BOARD, MOUNTED

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

C1765	1-102-116-00	CERAMIC	680PF	10%	50V
C1766	1-102-117-00	CERAMIC	820PF	10%	50V
C1767	1-102-116-00	CERAMIC	680PF	10%	50V
C1775	1-102-116-00	CERAMIC	680PF	10%	50V
C1776	1-102-117-00	CERAMIC	820PF	10%	50V
C1777	1-102-116-00	CERAMIC	680PF	10%	50V
C1785	1-102-116-00	CERAMIC	680PF	10%	50V
C1786	1-102-117-00	CERAMIC	820PF	10%	50V
C1787	1-102-116-00	CERAMIC	680PF	10%	50V
C1790	1-102-129-00	CERAMIC	0.01MF	10%	50V

CONNECTOR

CN1761*	1-564-509-11	PLUG, CONNECTOR 6P
CN1762*	1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P
CN1764*	1-564-507-11	PLUG, CONNECTOR 4P
CN1766	1-695-915-11	TAB (CONTACT) 1P

DIODE

D1761	8-719-991-33	DIODE 1SS133T-77
D1762	8-719-991-33	DIODE 1SS133T-77
D1763	8-719-991-33	DIODE 1SS133T-77
D1771	8-719-991-33	DIODE 1SS133T-77
D1772	8-719-991-33	DIODE 1SS133T-77

D1773	8-719-991-33	DIODE 1SS133T-77
D1781	8-719-991-33	DIODE 1SS133T-77
D1782	8-719-991-33	DIODE 1SS133T-77
D1783	8-719-991-33	DIODE 1SS133T-77
D1790	8-719-991-33	DIODE 1SS133T-77
D1792	8-719-983-14	DIODE MTZJ-T-77-3.9

JACK

J1761 Δ 1-251-328-11 SOCKET, CRT

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C **WA**

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
COIL							
L1790	1-410-667-31	INDUCTOR	22UH				
TRANSISTOR							
Q1761	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q1762	8-729-326-11	TRANSISTOR 2SC2611					
Q1763	8-729-200-17	TRANSISTOR 2SA1091-O					
Q1771	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q1772	8-729-326-11	TRANSISTOR 2SC2611					
Q1773	8-729-200-17	TRANSISTOR 2SA1091-O					
Q1781	8-729-119-78	TRANSISTOR 2SC2785-HFE					
Q1782	8-729-326-11	TRANSISTOR 2SC2611					
Q1783	8-729-200-17	TRANSISTOR 2SA1091-O					
Q1790	8-729-119-76	TRANSISTOR 2SA1175-HFE					
RESISTOR							
R1760	1-260-105-11	CARBON	3.3K	5%	1/2W		
R1761	1-247-807-31	CARBON	100	5%	1/4W		
R1763	1-249-409-11	CARBON	220	5%	1/4W F		
R1764 Δ	1-216-486-00	METAL OXIDE	8.2K	5%	3W F		
R1765	1-249-411-11	CARBON	330	5%	1/4W		
R1766	1-249-393-11	CARBON	10	5%	1/4W		
R1767	1-249-429-11	CARBON	10K	5%	1/4W		
R1768	1-249-411-11	CARBON	330	5%	1/4W		
R1770	1-260-105-11	CARBON	3.3K	5%	1/2W		
R1771	1-247-807-31	CARBON	100	5%	1/4W		
R1773	1-249-409-11	CARBON	220	5%	1/4W F		
R1774 Δ	1-216-486-00	METAL OXIDE	8.2K	5%	3W F		
R1775	1-249-407-11	CARBON	150	5%	1/4W		
R1776	1-249-393-11	CARBON	10	5%	1/4W		
R1777	1-249-429-11	CARBON	10K	5%	1/4W		
R1780	1-260-105-11	CARBON	3.3K	5%	1/2W		
R1781	1-247-807-31	CARBON	100	5%	1/4W		
R1783	1-249-409-11	CARBON	220	5%	1/4W F		
R1784 Δ	1-216-486-00	METAL OXIDE	8.2K	5%	3W F		
R1785	1-249-407-11	CARBON	150	5%	1/4W		
R1786	1-249-393-11	CARBON	10	5%	1/4W		
R1787	1-249-429-11	CARBON	10K	5%	1/4W		
R1789	1-249-437-11	CARBON	47K	5%	1/4W		
R1792	1-247-815-91	CARBON	220	5%	1/4W		
R1793	1-247-863-91	CARBON	22K	5%	1/4W		
R1794	1-249-417-11	CARBON	1K	5%	1/4W		
R1795	1-260-087-11	CARBON	100	5%	1/2W		
R1796 Δ	1-216-365-00	METAL OXIDE	0.47	5%	2W F		
R1797	1-260-123-11	CARBON	100K	5%	1/2W		
R1798	1-260-133-11	CARBON	680K	5%	1/2W		
R1799	1-260-123-11	CARBON	100K	5%	1/2W		
VARIABLE RESISTOR							
RV1791	1-230-641-11	RES, ADJ, METAL GLAZE	2.2M				
WA							
* A-1372-211-A WA BOARD, MOUNTED							
4-382-854-11 SCREW (M3X10), P, SW (+)							
CAPACITOR							
C941	1-126-935-11	ELECT			470MF	20%	16V
C944	1-164-232-11	CERAMIC CHIP			0.01MF	10%	50V
C945	1-163-001-11	CERAMIC CHIP			220PF	10%	50V
C946	1-126-933-11	ELECT			100MF	20%	16V
C949	1-161-830-00	CERAMIC			0.0047MF		500V
C950	1-126-933-11	ELECT			100MF	20%	16V
C951	1-107-638-11	ELECT			33MF	20%	160V
C952	1-104-999-11	MYLAR			0.1MF	10%	200V
C953	1-106-383-00	MYLAR			0.047MF	10%	200V
C954	1-137-364-11	FILM			0.001MF	5%	50V
C955	1-107-667-11	ELECT			2.2MF	20%	160V
C956	1-137-364-11	FILM			0.001MF	5%	50V
C957	1-106-383-00	MYLAR			0.047MF	10%	200V
C958	1-126-933-11	ELECT			100MF	20%	16V
C961	1-163-251-11	CERAMIC CHIP			100PF	5%	50V
C962	1-164-232-11	CERAMIC CHIP			0.01MF	10%	50V
C965	1-163-035-00	CERAMIC CHIP			0.047MF		50V
C966	1-163-009-11	CERAMIC CHIP			0.001MF	10%	50V
C967	1-129-718-00	FILM			0.022MF	5%	630V
C968	1-137-579-11	FILM			0.068MF	5%	100V
C969	1-163-035-00	CERAMIC CHIP			0.047MF		50V
C981	1-126-941-11	ELECT			470MF	20%	25V
C983	1-137-366-11	FILM			0.0022MF	5%	50V
CONNECTOR							
CN941	1-564-511-11	PLUG, CONNECTOR 8P					
CN961 *	1-770-723-11	CONNECTOR, BOARD TO BOARD 8P					
CN981 *	1-564-506-11	PLUG, CONNECTOR 3P					
DIODE							
D941	8-719-991-33	DIODE 1SS133T-77					
D946	8-719-110-88	DIODE RD39ESB2					
D947	8-719-110-88	DIODE RD39ESB2					
D961	8-719-109-89	DIODE RD5.6ESB2					
D962	8-719-991-33	DIODE 1SS133T-77					

WA HV

Note:

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and mark Δ are critical for safety.
Replace only with part number specified.

Note:

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sécurité. Ne les remplacer que par une
pièce portant le numéro spécifié.

<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>		<u>REF.NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REMARK</u>	
<u>IC</u>									
IC961	8-759-700-07	IC NJM2903M			R974	1-216-073-00	METAL GLAZE	10K	5% 1/10W
IC981	8-759-603-37	IC M5216P			R975 Δ	1-216-446-00	METAL OXIDE	18	5% 2W F
					R976 Δ	1-216-423-11	METAL OXIDE	27	5% 1W F
<u>COIL</u>									
L942	1-215-863-11	METAL OXIDE	100	5% 1W F	R979	1-216-017-91	METAL GLAZE	47	5% 1/10W
L962	1-406-989-21	COIL, CHOKE 10MMH			R981	1-216-081-00	METAL GLAZE	22K	5% 1/10W
L963	1-406-675-11	COIL, CHOKE 4.7MMH			R982	1-216-081-00	METAL GLAZE	22K	5% 1/10W
					R983	1-216-081-00	METAL GLAZE	22K	5% 1/10W
					R984	1-216-081-00	METAL GLAZE	22K	5% 1/10W
<u>TRANSISTOR</u>									
Q943	8-729-422-27	TRANSISTOR 2SD601A-Q			R987	1-216-049-91	METAL GLAZE	1K	5% 1/10W
Q944	8-729-422-27	TRANSISTOR 2SD601A-Q			R988	1-216-295-91	CONDUCTOR, CHIP	(2012)	
Q945	8-729-422-27	TRANSISTOR 2SD601A-Q			R989	1-216-304-11	METAL GLAZE	3.3	5% 1/10W
Q946	8-729-017-05	TRANSISTOR 2SA1837			R992	1-216-073-00	METAL GLAZE	10K	5% 1/10W
Q947	8-729-017-06	TRANSISTOR 2SC4793			R1941	1-260-311-11	CARBON	39	5% 1/2W
Q962	8-729-931-45	TRANSISTOR IRF614			R1942	1-249-384-11	CARBON	1.8	5% 1/4W F
Q963	8-729-216-22	TRANSISTOR 2SA1162-G			R1943	1-249-414-11	CARBON	560	5% 1/4W F
Q965	8-729-422-27	TRANSISTOR 2SD601A-Q			R1944	1-249-432-11	CARBON	18K	5% 1/4W
Q966	8-729-216-22	TRANSISTOR 2SA1162-G			R1945	1-216-476-11	METAL OXIDE	180	5% 3W F
Q981	8-729-422-27	TRANSISTOR 2SD601A-Q			R1946	1-249-417-11	CARBON	1K	5% 1/4W F
<u>RESISTOR</u>									
R943	1-216-025-91	METAL GLAZE	100	5% 1/10W	R1947	1-249-432-11	CARBON	18K	5% 1/4W
R948	1-216-049-91	METAL GLAZE	1K	5% 1/10W	R1948	1-249-414-11	CARBON	560	5% 1/4W
R949	1-216-049-91	METAL GLAZE	1K	5% 1/10W	R1949	1-249-384-11	CARBON	1.8	5% 1/4W F
R950	1-216-049-91	METAL GLAZE	1K	5% 1/10W	R1950	1-249-400-11	CARBON	39	5% 1/4W F
R951	1-216-049-91	METAL GLAZE	1K	5% 1/10W					
R952	1-216-037-00	METAL GLAZE	330	5% 1/10W	<u>HV</u>				
R953	1-216-021-00	METAL GLAZE	68	5% 1/10W	*				
R954	1-216-033-00	METAL GLAZE	220	5% 1/10W	A-1372-319-A HV BOARD, MOUNTED				
R955	1-216-047-91	METAL GLAZE	820	5% 1/10W	<u>CAPACITOR</u>				
R956	1-216-295-91	CONDUCTOR, CHIP	(2012)		C2068	1-104-665-11	ELECT	100MF	20% 25V
R957	1-216-073-00	METAL GLAZE	10K	5% 1/10W	<u>DIODE</u>				
R958	1-216-295-91	CONDUCTOR, CHIP	(2012)		D2006	1-810-039-11	LED UNIT		
R959	1-216-021-00	METAL GLAZE	68	5% 1/10W	<u>IC</u>				
R960	1-216-689-11	METAL GLAZE	39K	5% 1/10W	IC2003	8-742-014-10	HIC SBX1981-51		
R961	1-216-073-00	METAL GLAZE	10K	5% 1/10W	<u>RESISTOR</u>				
R962	1-216-057-00	METAL GLAZE	2.2K	5% 1/10W	R2009	1-216-033-00	METAL GLAZE	220	5% 1/10W
R963	1-216-097-91	METAL GLAZE	100K	5% 1/10W	R2010	1-216-033-00	METAL GLAZE	220	5% 1/10W
R964	1-216-073-00	METAL GLAZE	10K	5% 1/10W	R2059	1-216-047-91	METAL GLAZE	820	5% 1/10W
R965	1-216-073-00	METAL GLAZE	10K	5% 1/10W	R2060	1-216-049-91	METAL GLAZE	1K	5% 1/10W
R966	1-216-097-91	METAL GLAZE	100K	5% 1/10W	R2061	1-216-055-00	METAL GLAZE	1.8K	5% 1/10W
R967	1-216-065-00	METAL GLAZE	4.7K	5% 1/10W	R2062	1-216-065-00	METAL GLAZE	4.7K	5% 1/10W
R968	1-216-083-00	METAL GLAZE	27K	5% 1/10W	R2063	1-216-073-00	METAL GLAZE	10K	5% 1/10W
R969	1-216-295-91	CONDUCTOR, CHIP	(2012)		<u>SWITCH</u>				
R970	1-216-033-00	METAL GLAZE	220	5% 1/10W	S2001	1-692-431-21	SWITCH, TACTILE		
R971	1-247-899-11	CARBON	680K	5% 1/4W	S2002	1-692-431-21	SWITCH, TACTILE		
R972	1-216-073-00	METAL GLAZE	10K	5% 1/10W	S2003	1-692-431-21	SWITCH, TACTILE		
R973	1-216-121-91	METAL GLAZE	1M	5% 1/10W	S2004	1-692-431-21	SWITCH, TACTILE		

Note:

The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note:

Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

HV HS SC UV

REF.NO.	PART NO.	DESCRIPTION	REMARK
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S2005 1-692-431-21 SWITCH, TACTILE
 S2006 1-692-431-21 SWITCH, TACTILE
 S2007 1-692-431-21 SWITCH, TACTILE

HS

* A-1372-326-A HS BOARD, MOUNTED

CAPACITOR

C2168 1-104-665-11 ELECT 100MF 20% 25V
 C2169 1-126-959-11 ELECT 0.47MF 20% 50V

CONNECTOR

CN2101 1-564-524-11 PLUG, CONNECTOR 9P
 CN2102 1-564-523-11 PLUG, CONNECTOR 8P

SC

* A-1390-585-A MOUNTED PCB, SC (KV-35S36 only)

CN104 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P
 CN105 1-573-978-21 CONNECTOR, BOARD TO BOARD 11P

UV

* A-1394-862-A UV BOARD, COMPLETE (KV-35S36 only)

CAPACITOR

C231 1-163-031-11 CERAMIC CHIP 0.01MF 50V
 C232 1-136-161-00 FILM 0.047MF 5% 50V
 C233 1-136-161-00 FILM 0.047MF 5% 50V
 C234 1-126-960-11 ELECT 1MF 20% 50V
 C235 1-126-960-11 ELECT 1MF 20% 50V

C236 1-136-161-00 FILM 0.047MF 5% 50V
 C237 1-126-960-11 ELECT 1MF 20% 50V
 C238 1-126-960-11 ELECT 1MF 20% 50V
 C261 1-136-161-00 FILM 0.047MF 5% 50V
 C262 1-104-664-11 ELECT 47MF 20% 25V

C263 1-136-161-00 FILM 0.047MF 5% 50V
 C264 1-126-941-11 ELECT 470MF 20% 25V
 C265 1-104-664-11 ELECT 47MF 20% 25V
 C266 1-126-960-11 ELECT 1MF 20% 50V
 C267 1-126-960-11 ELECT 1MF 20% 50V
 C270 1-126-960-11 ELECT 1MF 20% 50V
 C271 1-126-960-11 ELECT 1MF 20% 50V

C273 1-136-165-00 FILM 0.1MF 5% 50V
 C274 1-163-031-11 CERAMIC CHIP 0.01MF 50V
 C301 1-126-935-11 ELECT 470MF 20% 16V
 C302 1-126-935-11 ELECT 470MF 20% 16V

REF.NO.	PART NO.	DESCRIPTION	REMARK
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FILTER BLOCK

CM302 1-467-656-11 FILTER BLOCK, COMB

CONNECTOR

CN261 1-573-979-21 CONNECTOR, BOARD TO BOARD 11P
 CN262 1-573-301-21 CONNECTOR, BOARD TO BOARD 20P
 CN263 * 1-564-506-11 PLUG, CONNECTOR 3P
 CN264 1-573-979-21 CONNECTOR, BOARD TO BOARD 11P

DIODE

D231 8-719-110-17 DIODE RD10ESB2
 D232 8-719-110-17 DIODE RD10ESB2
 D233 8-719-110-17 DIODE RD10ESB2
 D234 8-719-110-17 DIODE RD10ESB2
 D235 8-719-110-17 DIODE RD10ESB2

D236 8-719-110-17 DIODE RD10ESB2
 D240 8-719-110-17 DIODE RD10ESB2
 D241 8-719-110-17 DIODE RD10ESB2
 D242 8-719-110-17 DIODE RD10ESB2
 D243 8-719-110-17 DIODE RD10ESB2

D244 8-719-110-17 DIODE RD10ESB2
 D264 8-719-110-17 DIODE RD10ESB2
 D265 8-719-110-17 DIODE RD10ESB2

IC

IC261 8-759-366-78 IC MM1313AD

JACK

J231 1-750-515-11 TERMINAL BLOCK, S 3P
 J232 1-774-746-11 JACK BLOCK, PIN
 J233 1-774-747-11 JACK BLOCK, PIN

CHIP CONDUCTOR

JR151 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR152 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR201 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR202 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR204 1-216-295-91 CONDUCTOR, CHIP (2012)

JR205 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR206 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR208 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR209 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR210 1-216-295-91 CONDUCTOR, CHIP (2012)

JR211 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR212 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR213 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR214 1-216-295-91 CONDUCTOR, CHIP (2012)
 JR215 1-216-295-91 CONDUCTOR, CHIP (2012)

UV

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un trame et une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK				
JR216	1-216-295-91	CONDUCTOR, CHIP	(2012)	R268	1-216-025-91	METAL GLAZE	100 5% 1/10W				
JR217	1-216-295-91	CONDUCTOR, CHIP	(2012)	R269	1-216-025-91	METAL GLAZE	100 5% 1/10W				
JR218	1-216-295-91	CONDUCTOR, CHIP	(2012)	R270	1-216-041-00	METAL GLAZE	470 5% 1/10W				
JR219	1-216-295-91	CONDUCTOR, CHIP	(2012)	R271	1-249-415-11	CARBON	680 5% 1/4W				
JR220	1-216-295-91	CONDUCTOR, CHIP	(2012)	R272	1-249-417-11	CARBON	1K 5% 1/4W				
JR221	1-216-295-91	CONDUCTOR, CHIP	(2012)	R275	1-249-425-11	CARBON	4.7K 5% 1/4W				
JR222	1-216-295-91	CONDUCTOR, CHIP	(2012)	R276	1-249-425-11	CARBON	4.7K 5% 1/4W				
JR223	1-216-295-91	CONDUCTOR, CHIP	(2012)	R277	1-216-049-91	METAL GLAZE	1K 5% 1/10W				
JR226	1-216-295-91	CONDUCTOR, CHIP	(2012)	R279	1-216-025-91	METAL GLAZE	100 5% 1/10W				
JR228	1-216-295-91	CONDUCTOR, CHIP	(2012)	R280	1-216-033-00	METAL GLAZE	220 5% 1/10W				
JR261	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R281	1-216-033-00	METAL GLAZE	220 5% 1/10W				
JR262	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W	R282	1-216-025-91	METAL GLAZE	100 5% 1/10W				
TRANSISTOR											
Q243	8-729-216-22	TRANSISTOR 2SA1162-G		R283	1-216-025-91	METAL GLAZE	100 5% 1/10W				
Q261	8-729-422-27	TRANSISTOR 2SD601A-Q		R284	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W				
Q262	8-729-422-27	TRANSISTOR 2SD601A-Q		R285	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W				
Q263	8-729-216-22	TRANSISTOR 2SA1162-G		R286	1-216-049-91	METAL GLAZE	1K 5% 1/10W				
Q265	8-729-216-22	TRANSISTOR 2SA1162-G		R288	1-247-815-91	CARBON	220 5% 1/4W				
RESISTOR											
R212	1-249-440-11	CARBON	82K 5% 1/4W	R289	1-247-815-91	CARBON	220 5% 1/4W				
R225	1-247-815-91	CARBON	220 5% 1/4W	R290	1-247-815-91	CARBON	220 5% 1/4W				
R226	1-247-815-91	CARBON	220 5% 1/4W	R291	1-216-025-91	METAL GLAZE	100 5% 1/10W				
R227	1-249-440-11	CARBON	82K 5% 1/4W	R293	1-216-025-91	METAL GLAZE	100 5% 1/10W				
R228	1-216-033-00	METAL GLAZE	220 5% 1/10W	R294	1-216-049-91	METAL GLAZE	1K 5% 1/10W				
R229	1-216-025-91	METAL GLAZE	100 5% 1/10W	R301	1-249-417-11	CARBON	1K 5% 1/4W				
R230	1-216-033-00	METAL GLAZE	220 5% 1/10W	R304	1-249-417-11	CARBON	1K 5% 1/4W				
R231	1-216-022-00	METAL GLAZE	75 5% 1/10W	R1153	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W				
R232	1-216-022-00	METAL GLAZE	75 5% 1/10W	R1155	1-216-057-00	METAL GLAZE	2.2K 5% 1/10W				
R233	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	MISCELLANEOUS							
R234	1-216-022-00	METAL GLAZE	75 5% 1/10W	1-411-881-11	COIL, DEMAGNETIC						
R235	1-216-113-00	METAL GLAZE	470K 5% 1/10W	1-411-882-11	COIL, DEMAGNETIC						
R236	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	1-504-531-11	SPEAKER (13.1 X 6.2CM)						
R237	1-216-113-00	METAL GLAZE	470K 5% 1/10W	* 1-556-945-21	CABLE, P-P (KV-35S36 only)						
R238	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	* 1-557-056-31	CABLE, P-P (KV-35S36 only)						
R239	1-216-022-00	METAL GLAZE	75 5% 1/10W	Δ 1-751-059-11	CORD POWER (WITH CONNECTOR)						
R240	1-216-113-00	METAL GLAZE	470K 5% 1/10W	1-766-374-11	PLUG, F-PIN (KV-35S26/37RS36 only)						
R241	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	* 4-052-905-01	V5/6 BRACKET (KV-35S36 only)						
R242	1-216-113-00	METAL GLAZE	470K 5% 1/10W	Δ 8-453-007-11	NA324-M						
R243	1-216-065-00	METAL GLAZE	4.7K 5% 1/10W	8-598-414-00	ANTENNA SWITCH AS-2F (KV-35S36 only)						
R244	1-216-113-00	METAL GLAZE	470K 5% 1/10W	Δ 8-733-760-71	ITC 37GX-A1						
R245	1-249-417-11	CARBON	1K 5% 1/4W	ACCESSORIES AND PACKING MATERIALS							
R246	1-216-113-00	METAL GLAZE	470K 5% 1/10W	3-859-518-21	MANUAL, INSTRUCTION						
R247	1-249-417-11	CARBON	1K 5% 1/4W	* 4-053-658-01	BAG, PROTECTION						
R260	1-247-807-31	CARBON	100 5% 1/4W	* 4-056-782-01	INDIVIDUAL CARTON						
R261	1-216-009-00	METAL GLAZE	22 5% 1/10W	* 4-056-783-01	CUSHION (UPPER) (ASSY)						
R264	1-247-815-91	CARBON	220 5% 1/4W	* 4-056-784-01	CUSHION (LOWER) (ASSY)						
R265	1-247-815-91	CARBON	220 5% 1/4W	REMOTE COMMANDER							
R266	1-216-043-91	METAL GLAZE	560 5% 1/10W	1-473-749-31	REMOTE COMMANDER (RM-Y136A)						
R267	1-249-415-11	CARBON	680 5% 1/4W	4-978-977-01	BATTERY COVER (for RM-Y136A)						

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Service Promotion Department

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